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CANADIANA

DEC 15 1986



Oil and Gas Units

Quarterly Update

September 1986

CANADIAN

DEC 12 1960

Source: *U.S. Census Bureau, 1997*

ENERGY RESOURCES CONSERVATION BOARD

Editorial correspondence to

Development Department
Energy Resources Conservation Board

1986 edition, published quarterly

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Oil and Gas Units

NEW UNITS

Bigoray Nisku K Unit No. 1

REVISED UNITS

Bigoray Nisku 'A' Pool Unit No. 1
Brazeau River Gas Unit No. 1
Brownfield Gas Unit
Buck Creek Cardium Unit No. 1
Caroline Cardium 'B' Sand Unit No. 1
Clive D-2 Unit No. 1
Clive D-3A Unit No. 1
Crossfield Cardium Unit No. 1
Crossfield Cardium Unit No. 2
East Crossfield Unit
Crystal Viking Unit No. 1
Deer Mountain Unit No. 1
Edson Gas Unit No. 1
Erskine Gas Unit No 1
Erskine Leduc D-3A Unit No. 1
Ferrier Cardium Unit 3
Garrington Cardium Unit No. 2
Gilby Basal Mannville 'B' Unit No. 1
Gilby Jurassic 'B' Unit No. 1
Gilby Lower Mannville Ostracod Unit No. 1
Grand Forks Lower Mannville Unit No. 1
Greencourt East Gas Unit No. 1
Huxley Gas Unit No. 1
Joarcam Viking Unit No. 1
Joffre Viking Tertiary Oil Unit
Kaybob East Beaverhill Lake Unit No. 1
Kaybob South Beaverhill Lake Gas Unit No. 1
Kaybob South Triassic Unit No. 1
Kaybob South Triassic Unit No. 2
Leduc-Woodbend D-3 Unit
Lobstick Gas Unit No. 1
Maple Glen Gas Unit
Medicine River Pekisko B Pool Unit
Medicine River Viking D Unit No. 1
Medicine River Unit No. 1
Mitsue Gilwood Sand Unit No. 1
West Nipisi Unit No. 1
Nordegg Gas Unit No. 1

Pembina Belly River 'J' Unit
Pembina Belly River AA Pool Unit
Pembina Cardium Unit NO. 4
Pembina Cardium Unit No. 9
Pembina Cardium Unit No. 11
Pembina Cardium Unit No. 13
Pembina Cardium Unit No. 14
Pembina Cardium Unit No. 31
Pembina Nisku 'D' Pool Unit No. 1
Pembina Nisku 'M' Unit
Pembina Nisku 'N' Pool Unit No. 1
Pembina Nisku 'O' Pool Unit No. 1
Pembina Nisku 'P' Pool Unit No. 1
Pembina Nisku 'Q' Pool Unit No. 1
Ricinus Cardium Unit No. 1
Sunset Triassic 'A' Unit No. 1
South Swan Hills Unit
Three Hills Pekisko Unit No. 1
Turner Valley Unit No. 5
Ukalta Gas Unit No. 1
Wainwright Unit No. 12
Wainwright Unit No. 14
Wembley Halfway 'B' Gas Unit
Westrose South (Dick Lake) Leduc Unit
Willesden Green Cardium Unit No. 7
Willesden Green Cardium Unit No. 10
Wizard Lake D-3 Unit
Zama Keg River 'CC' Unit

The Board amended the following pages to show unitized zones and substances.

Bolloque Unit No. 1
Fairydell - Bon Accord Viking Unit No. 1
Garrington Cardium Unit No. 1
Garrington Cardium Unit No. 3
Garrington Viking Gas Unit No. 1
South Garrington Cardium 'B' Unit No. 1
Ghost River Gas Unit
Gilby Jurassic 'F' Unit
Gilby Viking 'B' Unit No. 1
Gilby Viking 'E' Unit No. 1
Gold Creek Wabamun Gas Unit No. 1
Golden Spike D-3 Unit
Granor Gas Unit
Greencourt Gas Unit No. 1

Hamcor Unit No. 1
Hamilton Lake Viking Oil Sand 'B' Pool Unit
Harmattan - Elkton Unit No. 1
Harmattan Leduc Unit No. 1
Hartell Gas Unit
Hawkins Viking Gas Unit No. 1
Hayter Sparky Unit No. 1
Hespero Unit
Highvale Cardium 'C' Unit
Highvale Ostracod Unit
Holden Basal Quartz 'B' Gas Sand Unit
Holden Basal Quartz 'C' Gas Sand Unit
Holden Glauconitic III Gas Unit
Holden Viking Gas Sand Unit No. 1
Holden Viking Gas Unit NO. 3
Holmberg Mannville Gas Unit
Horsefly Lake Unit NO. 1
House Mountain Unit No. 4
Hughenden Basal Quartz North No. 1 Unit
Hussar Unit No. 1
Pembina Cardium Unit No. 5
Pembina Keystone Cardium Unit No. 2
Strathmore Unit
Willesden Green Cardium Unit No. 8

The following Units were revised but Company Names, Unit Areas and Final Participation were not affected.

Bonnie Glen Cardium Unit No. 1
Boundary Lake South Triassic 'E' Pool Unit
Equity Gas Unit No. 1
Hunter Valley Unit No. 1
Provost Gas Unit No. 3
Redland Unit
Rycroft Charlie Lake a Pool Unit
Snipe Lake Beaverhill Lake Unit No. 1
Spirit River Triassic Unit No. 1
Virginia Hills Unit NO. 1
Wandering River Gas Unit
Zama Keg River H Pool

ACHESON LOWER CRETACEOUS UNIT NO. 1

Unit Operator - Chevron Canada Resources Limited

Initial Effective Date - 1 April 1962

Participation Revised - 1 October 1985

*Unitized Zone - Acheson Blairmore D Zone and/or Detrital Zone

*Unitized Substance - Gas and oil

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Resources Canada Limited	1.7120
The Canadian Games Network Inc.	0.0451
Chevron Canada Resources Limited	81.3524
Esso Resources Canada Limited	3.5623
Gulf Canada Resources, by its Managing Partner	13.2530
Gulf Canada Limited	
Audrey Lovelace	0.0301
Osage Oil and Exploration Limited	0.0451
	<u>100.0000</u>

*For complete definition of unitized zones and substances see Unit Documents

(For Area - See Reserve Side)

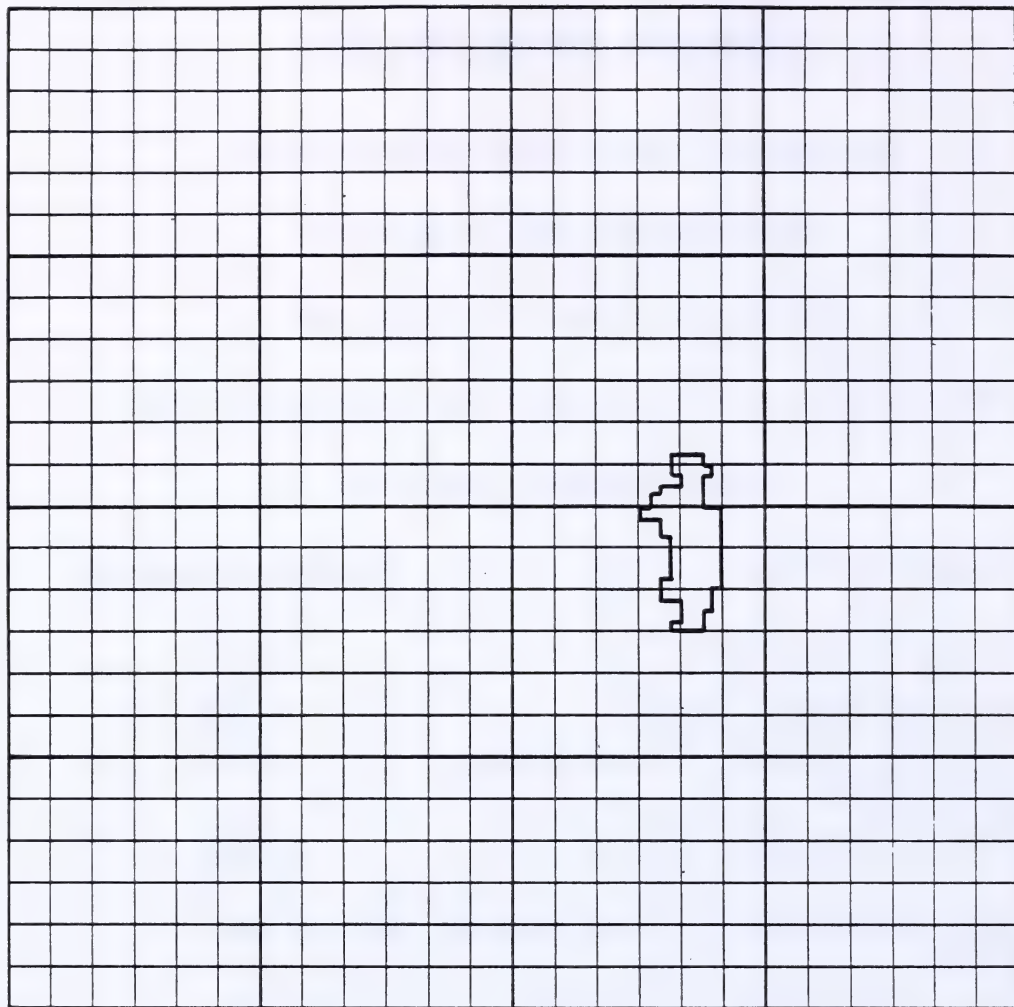
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.28

R.27

R.26

R.25W4M

**ACHESON LOWER CRETACEOUS UNIT NO. 1**

INITIAL EFFECTIVE DATE - 1 APRIL 1962

UNIT OPERATOR - CHEVRON CANADA RESOURCES LIMITED



ACHESON NORTH (D-2) POOL UNIT

Unit Operator - Chevron Standard Limited

Initial Effective Date - 21 December 1955

*Unitized Zone - D-2 Pool (that pool which produces from the Nisku Member of the Winterburn Formation)

*Unitized Substance - Petroleum and Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Chevron Standard Limited	100.00

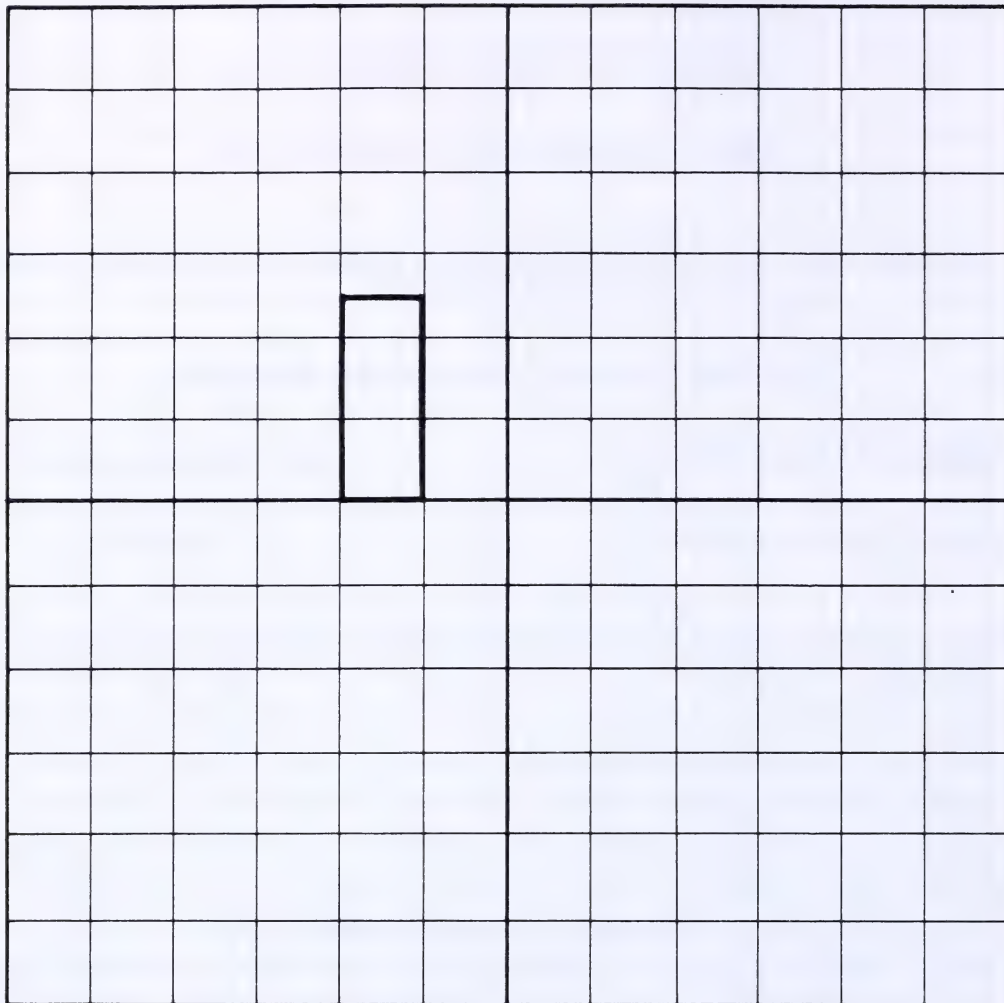
*For a complete definition of the unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.26

R.25W.4M.



T.53

T.52

ACHESON NORTH D2 POOL UNIT

INITIAL EFFECTIVE DATE- 21 DECEMBER 1955

UNIT OPERATOR- CHEVRON STANDARD LIMITED

ERCB

AERIAL MANNVILLE "A" UNIT

Unit Operator - Anadarko Petroleum of Canada Ltd.

Initial Effective Date - 1 August 1968

Participation Revised - 9 May 1984

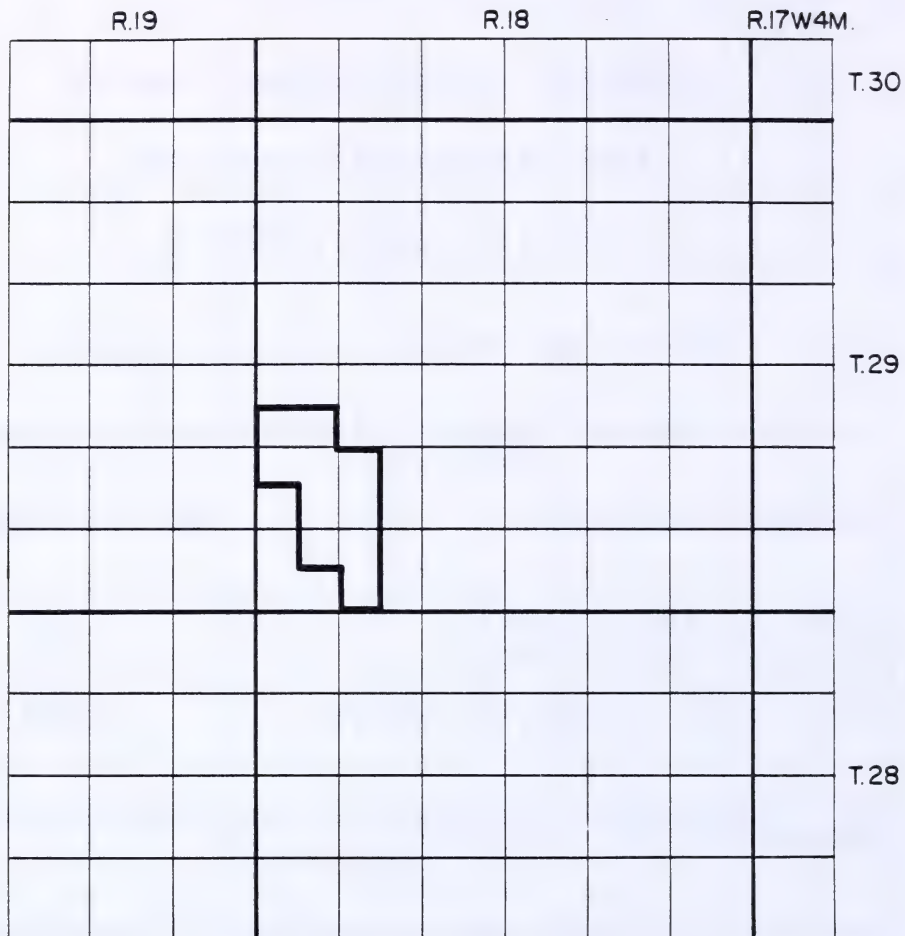
*Unitized Zone - Blairmore Basal Quartz Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Anadarko Petroleum of Canada Ltd.	63.832
Norcen Energy Resources Limited	4.921
Suncor Inc.	17.697
Western Decalta Petroleum (1977) Limited	13.550
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



AERIAL MANNVILLE A UNIT



INITIAL EFFECTIVE DATE - AUGUST 1, 1968

UNIT OPERATOR - ANADARKO PETROLEUM OF CANADA LTD.

AERIAL OSTRACOD GAS UNIT NO. 1

Unit Operator - Mobil Oil Canada Ltd.

Initial Effective Date - 1 June 1968

Participation Revised - 1 October 1980

*Unitized Zone - Ostracod zone

*Unitized Substance - Natural gas and associated hydrocarbons except
crude oil and coal

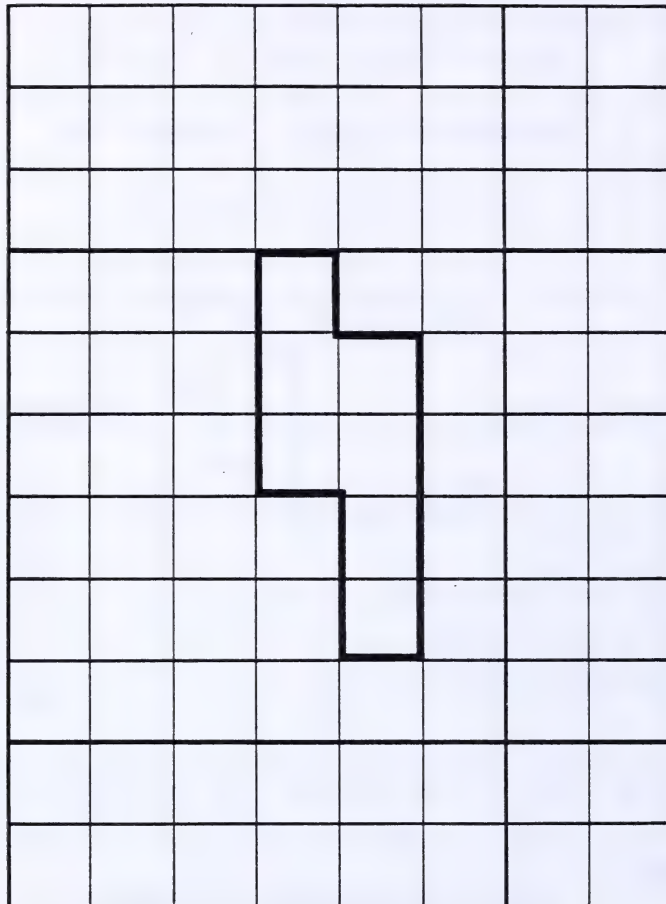
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Esso Resources Canada Limited	6.17286
Hudson's Bay Oil & Gas Company Limited	2.18821
Mobil Oil Canada Ltd.	62.80363
Musketeer Energy Ltd.	25.17172
Norcen Energy Resources Limited	1.71730
Okanagan Petroleums Limited	0.91590
Prairie Oil Royalties Company Ltd.	0.45795
Webb International Minerals Inc.	0.57243
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R.19

R.18W.4M.



T.30

T.29

T.28

AERIAL OSTRACOD GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - JUNE 1, 1968

UNIT OPERATOR - MOBIL OIL CANADA, LTD.

ALDERSON MILK RIVER GAS UNIT NO. 1

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 December 1975

Participation Revised - 1 June 1983

*Unitized Zone - Milk River Formation

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Hudson's Bay Oil & Gas Company Limited	3.63036
PanCanadian Petroleum Limited	2.34495
Petro-Canada Inc.	55.08080
Texaco Canada Resources Ltd.	38.94389
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R.9 W4M

**ERCB**

UNIT OPERATOR- PETRO-CANADA INC.

ALDERSON MR-MH GAS UNIT

Unit Operator - Ocelot Industries Ltd.

Initial Effective Date - 1 February 1976

Participation Revised - 1 November 1978

*Unitized Zone - Milk River Formation and Medicine Hat Formation

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Ocelot Industries Ltd.	98.55235
Canadian Reserve Oil and Gas Ltd.	<u>1.44765</u>
	100.000000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



INITIAL EFFECTIVE DATE — FEBRUARY 1, 1976

UNIT OPERATOR— OCELOT INDUSTRIES LTD.

ALDERSON SECOND WHITE SPECKS GAS UNIT NO. 1

Unit Operator - PanCanadian Petroleum Ltd.

Initial Effective Date - 1 May 1968

Participation Revised - 1 May 1984

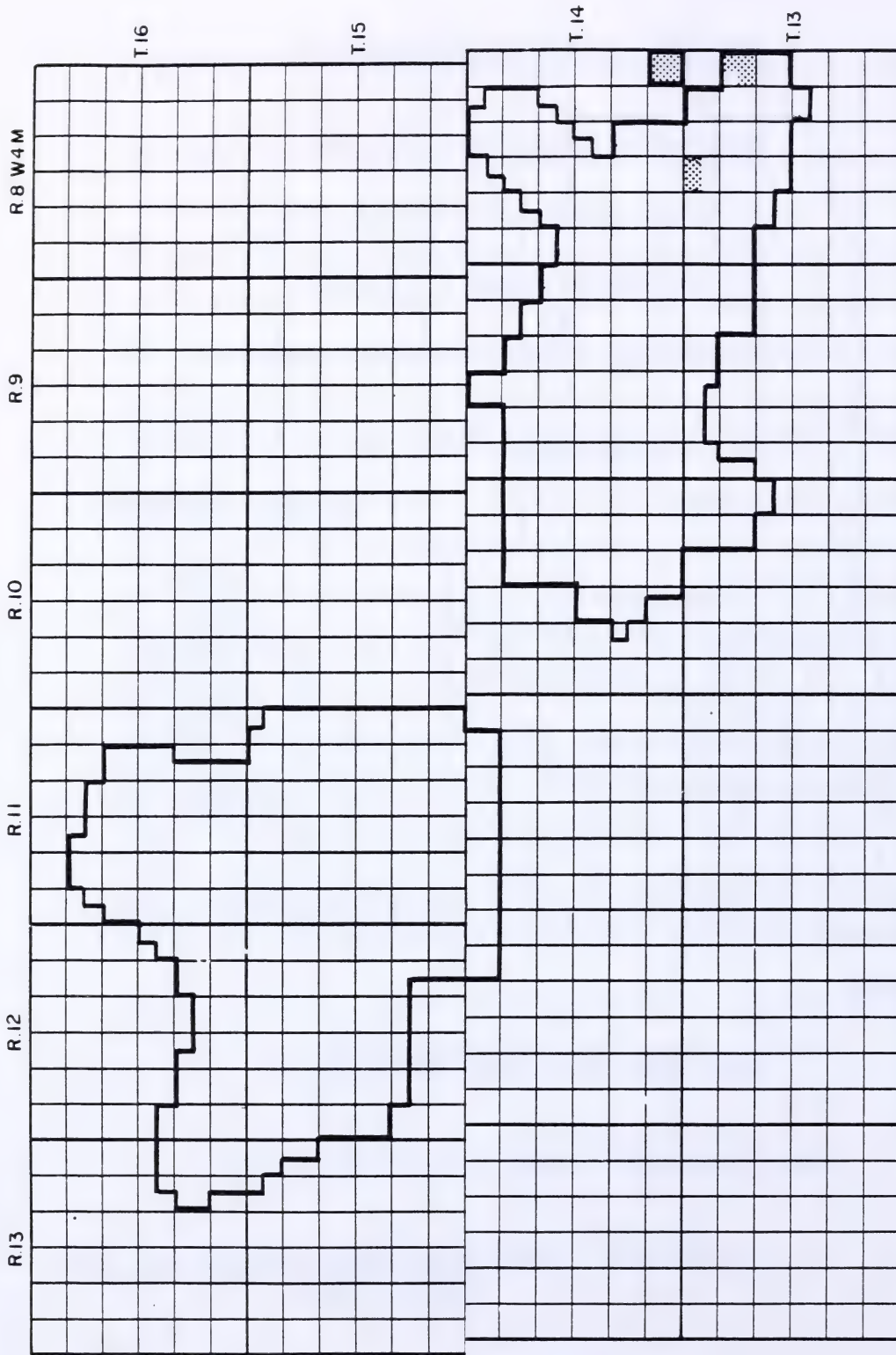
*Unitized Zone - Second White Specks Formation

*Unitized Substance - Natural gas and other hydrocarbons (except crude oil and coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Altex Resources Ltd.	0.29071
BP Exploration Canada Limited	2.98305
Cooperative Energy Development Corporation	0.29071
Dart Petroleum Ltd.	0.25550
Hudson's Bay Oil and Gas Company Limited	0.95047
Koch Exploration Canada, Ltd.	0.49563
Murphy Oil Company Ltd.	0.18020
PanCanadian Petroleum Limited	87.70782
Petro-Canada Inc.	5.96517
Scurry-Rainbow Oil Limited	0.88074
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



ALDERSON SECOND WHITE SPECKS GAS UNIT NO.1

INITIAL EFFECTIVE DATE - 1 MAY 1968

UNIT OPERATOR - PANCANADIAN PETROLEUM LTD.

AF F CHANGE EFFECTIVE - 1 AUGUST 1981

ERCB

ALDERSON SECOND WHITE SPECKS GAS UNIT NO. 2

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 June 1968

Participation Revised - 1 June 1983

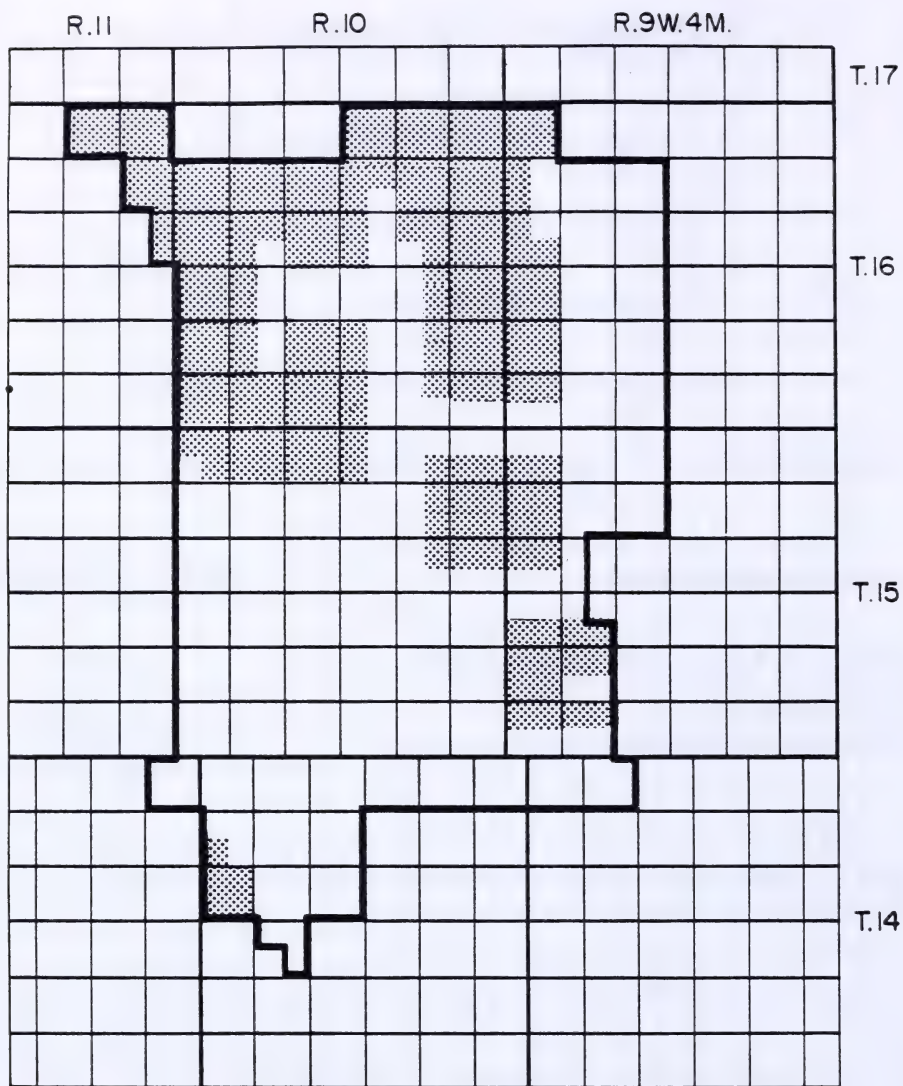
*Unitized Zone - Second White Specks Formation

*Unitized Substance - Natural gas and other hydrocarbons (except crude oil and coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Hudson's Bay Oil & Gas Company Limited	2.59129
PanCanadian Petroleum Limited	10.40235
Petro-Canada Inc.	62.30543
Texaco Canada Resources Ltd.	24.70093
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



ALDERSON SECOND WHITE SPECKS GAS UNIT NO 2

INITIAL EFFECTIVE DATE - JUNE 1, 1968

UNIT OPERATOR - PETRO-CANADA INC.

AREA OF CHANGE EFFECTIVE - APRIL 1, 1976 - 000000

ALDERSON SECOND WHITE SPECKS GAS UNIT NO. 3

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 June 1976

Participation Revised - 1 July 1984

*Unitized Zone - Second White Specks

*Unitized Substance - Natural Gas

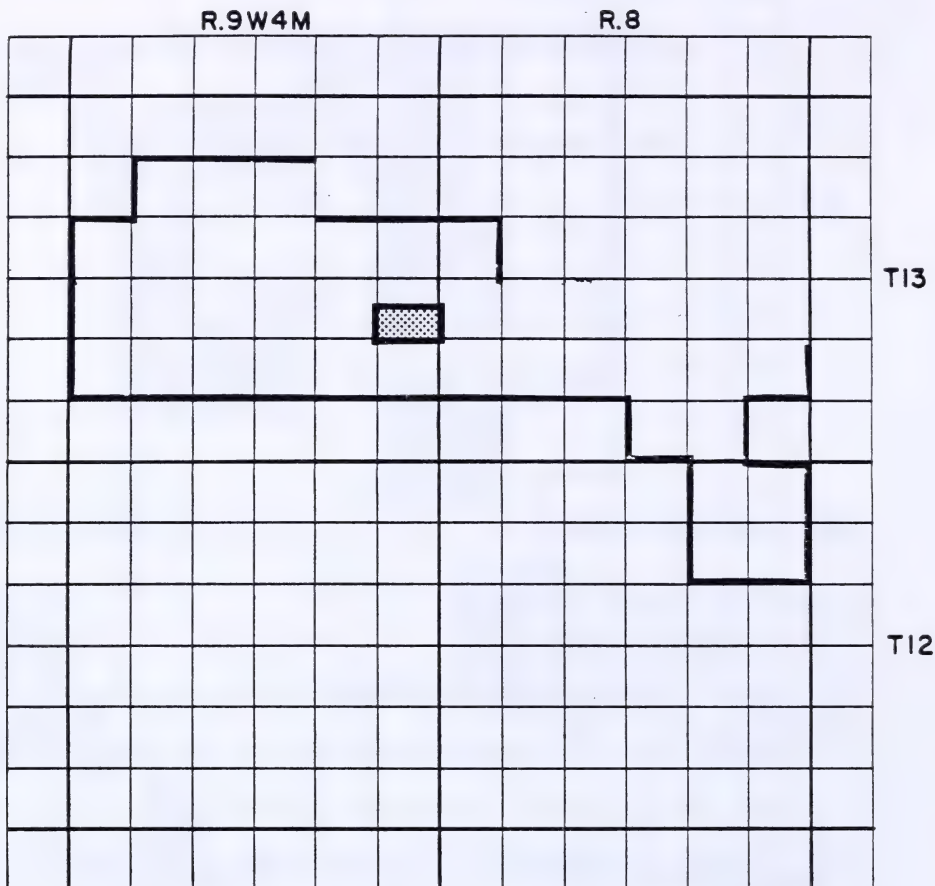
Working Interest Owners

Per Cent Participation

BP Resources Canada Limited	8.192163
Canada Northwest Energy Limited	2.455218
Haraldson Minerals Ltd.	1.001231
Hudson's Bay Oil and Gas Company Limited	3.963901
PanCanadian Petroleum Limited	80.352178
Petro-Canada Inc.	4.035309
	<u>100.000000</u>

* For a complete definition of unitized zones and substance see Unit Documents

(For Area - See Reverse Side)



ALDERSON SECOND WHITE SPECKS GAS UNIT NO. 3

INITIAL EFFECTIVE DATE JUNE 1 , 1976

UNIT OPERATOR-PANCANADIAN PETROLEUM LIMITED

AREA OF CHANGE EFFECTIVE — JUNE 1, 1976

ALDERSON WEST GAS UNIT NO. 1

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 May 1978

Participation Revised - 1 September 1984

*Unitized Zone - Glauconitic

*Unitized Substance - Gas

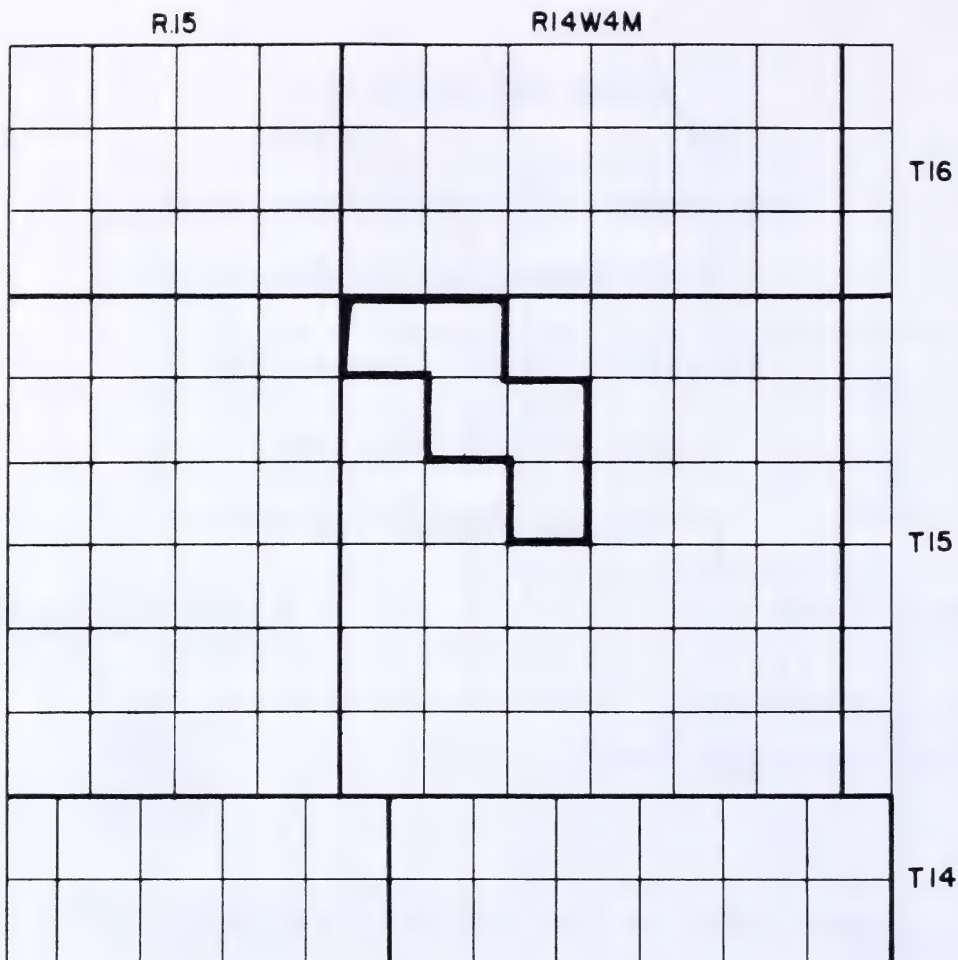
Working Interest Owners

Per Cent Participation

Dome Petroleum Limited	9.41173
Ladd Exploration Company	11.50323
PanCanadian Petroleum Limited	56.46523
PRC Petroleum (1984) Ltd.	22.61981
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



ALDERSON WEST GAS UNIT NO. 1

INITIAL EFFECTIVE DATE — MAY 1, 1978

UNIT OPERATOR — PAN CANADIAN PETROLEUM LIMITED

ALDERSON WEST GAS UNIT NO. 2

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 June 1977

Participation Revised - 1 July 1980

*Unitized Zone - Glauconitic Formation

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Musketeer Petroleum Limited	20.00000
PanCanadian Petroleum Limited	<u>80.00000</u>
	100.00000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R.15			R.14W.4M.					
								T.14
								T.13

ALDERSON WEST GAS UNIT NO. 2

INITIAL EFFECTIVE DATE - JUNE 1, 1977

UNIT OPERATOR - PAN CANADIAN PETROLEUM LIMITED

ALDERSON WEST UPPER MANNVILLE "S" POOL UNIT

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 March 1984

*Unitized Zone - Upper Mannville Sandstone Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

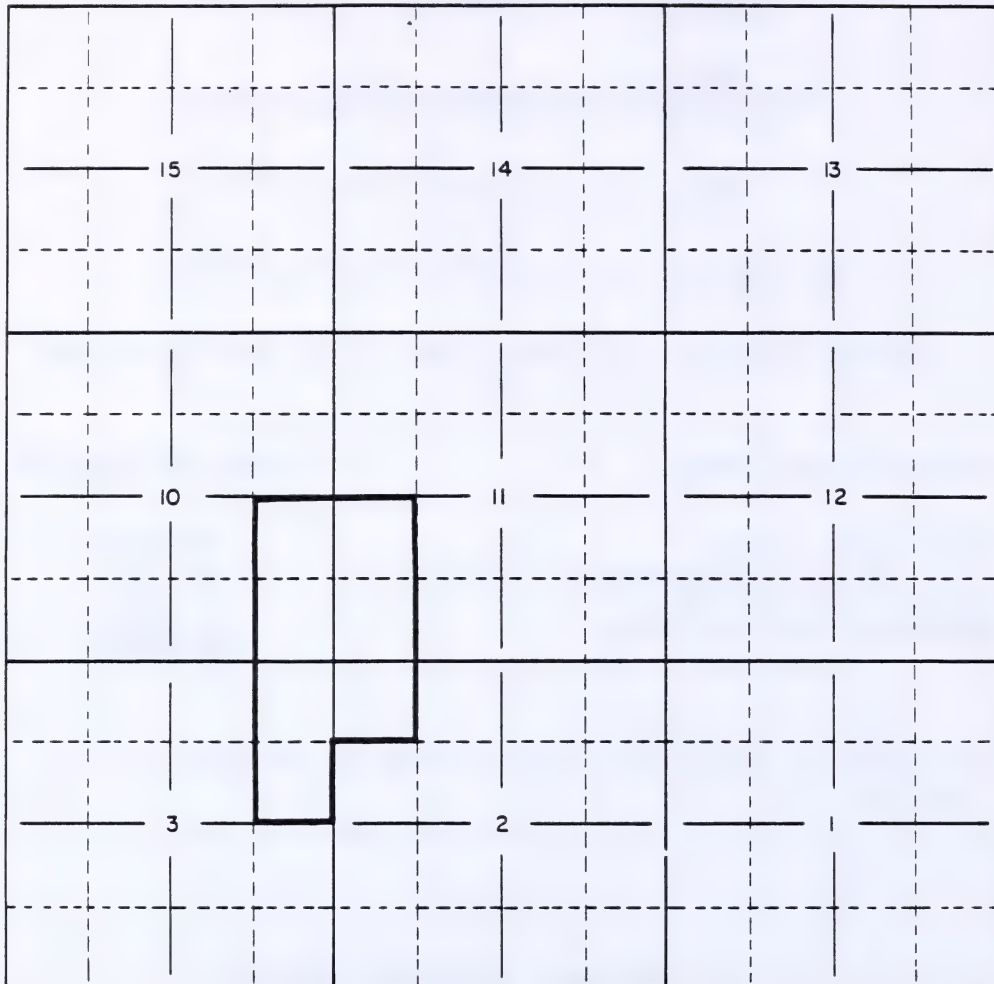
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Cardo Canada Limited	8.093328
Jerry Chambers Exploration Co.	3.629235
Oakwood Petroleums Ltd.	7.258472
PanCanadian Petroleum Limited	81.018965
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R 15 W 4 M



T. 16

ALDERSON WEST UPPER MANNVILLE 'S' POOL UNIT



INITIAL EFFECTIVE DATE- 1 MARCH 1984

UNIT OPERATOR- PAN CANADIAN PETROLEUM LIMITED

ALEXANDER BASAL QUARTZ GAS UNIT

Unit Operator - Norcen Energy Resources Limited

Initial Effective Date - 1 March 1960

Participation Revised - 28 October 1975

*Unitized Zone - Basal Quartz "A" Pool

*Unitized Substance - Gas

Working Interest Owners

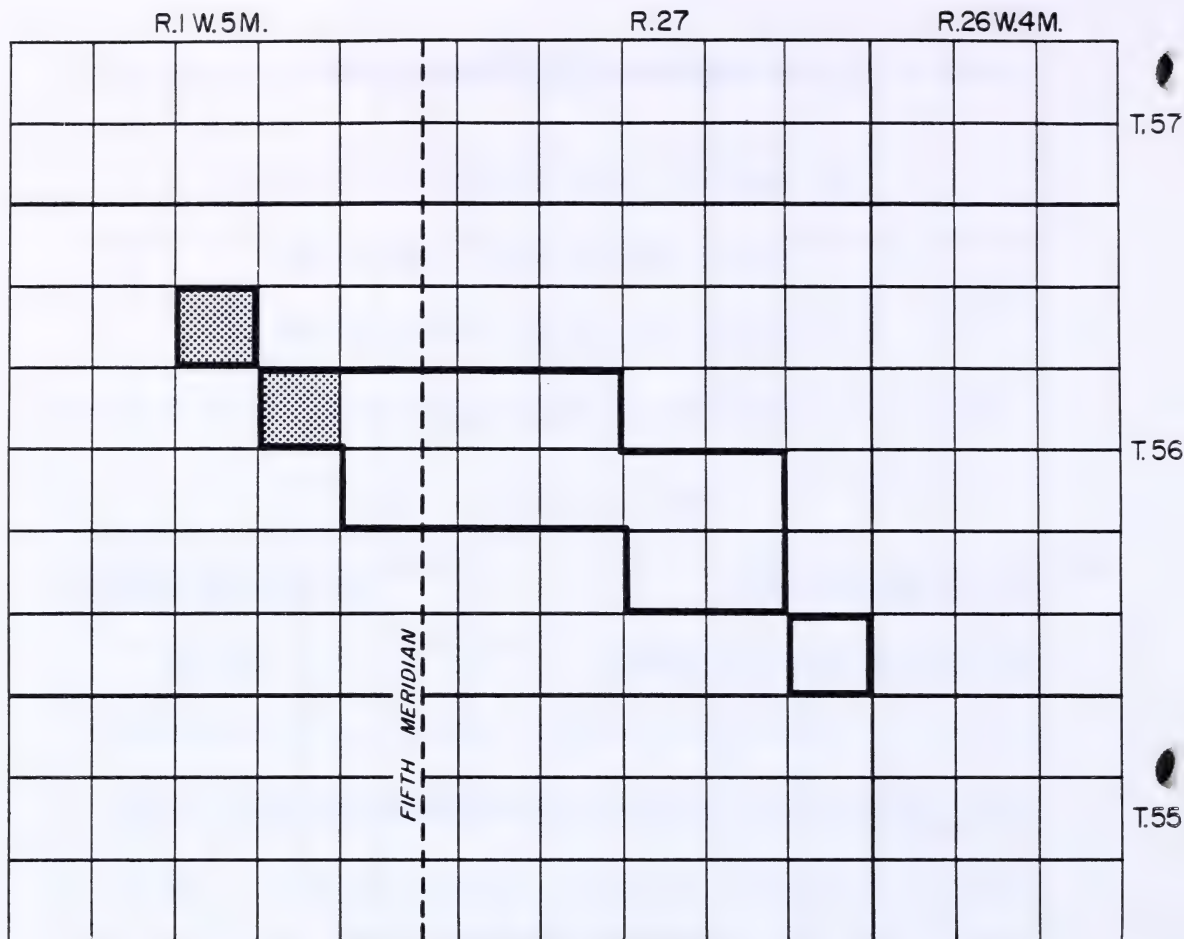
Per Cent Participation

Norcen Energy Resources Limited

100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



ERCB

ALEXANDER BASAL QUARTZ GAS UNIT

INITIAL EFFECTIVE DATE - MARCH 1, 1960

UNIT OPERATOR — NORCEN ENERGY RESOURCES LIMITED

AREA OF CHANGE EFFECTIVE - AUGUST 1, 1961 - 000000

ALEXANDRA PROVOST VIKING "A" UNIT

Unit Operator - 208650 Alberta Ltd.

Initial Effective Date - 1 March 1971

Participation Revised - 1 May 1984

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum and other hydrocarbons (except coal and natural gas)

Working Interest Owners

Per Cent Participation

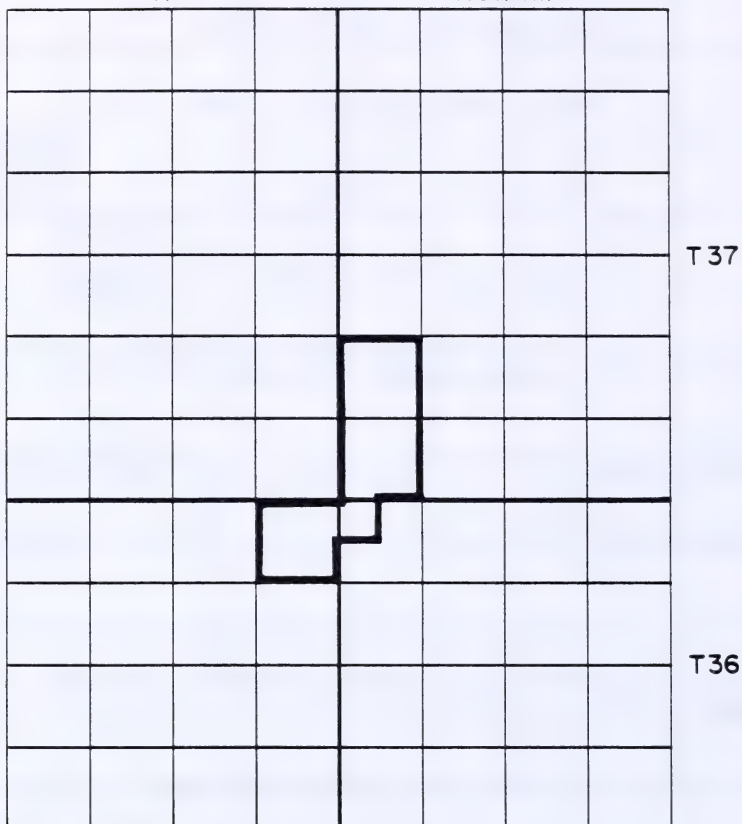
208650 Alberta Ltd.

100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R6W4M



INITIAL EFFECTIVE DATE - MARCH 1, 1971

UNIT OPERATOR — 208650 ALBERTA LTD.

ALEXIS BANFF A POOL UNIT

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 October 1978

Participation Revised - 1 June 1986

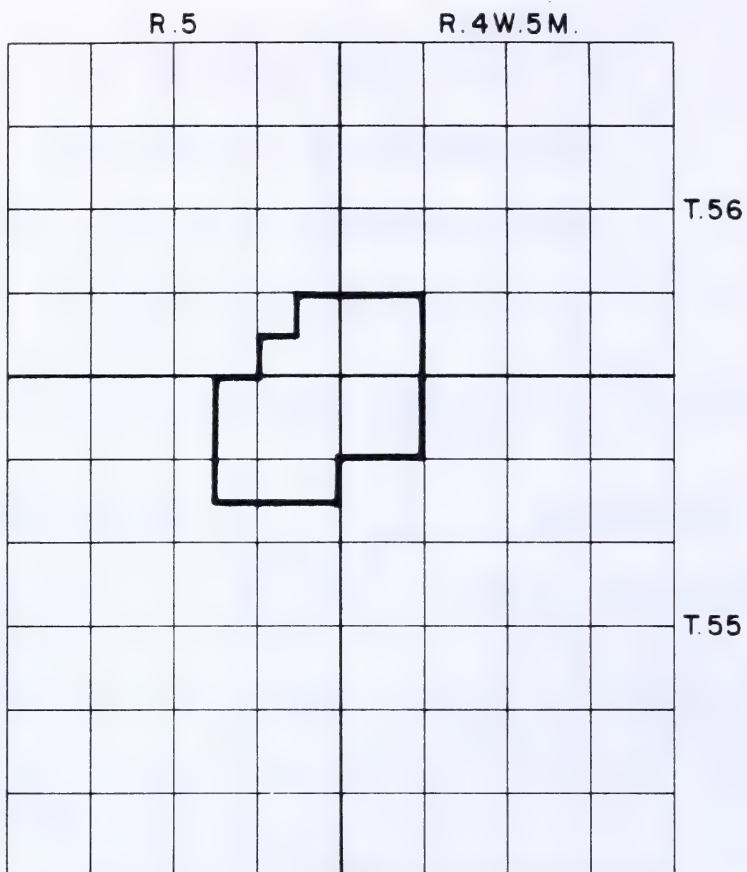
*Unitized Zone - Banff "A" Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Resources Canada Limited	20.35691
Calgary Crude Oil Limited	11.69361
Canadian Superior Oil Ltd.	17.51803
Musketeer Energy Ltd.	17.52698
Norcen Energy Resources Limited	23.29391
PanCanadian Petroleum Limited	1.72276
Pembina Pipe Line Ltd.	0.36889
Suncor Inc.	7.51891
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



ALEXIS BANFF "A" POOL UNIT

INITIAL EFFECTIVE DATE - OCTOBER 1, 1978

UNIT OPERATOR — DOME PETROLEUM LIMITED

ANTE CREEK BEAVERHILL LAKE UNIT NO. 1

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 1 May 1968

Participation Revised - 1 June 1986

*Unitized Zone - Swan Hills Member

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

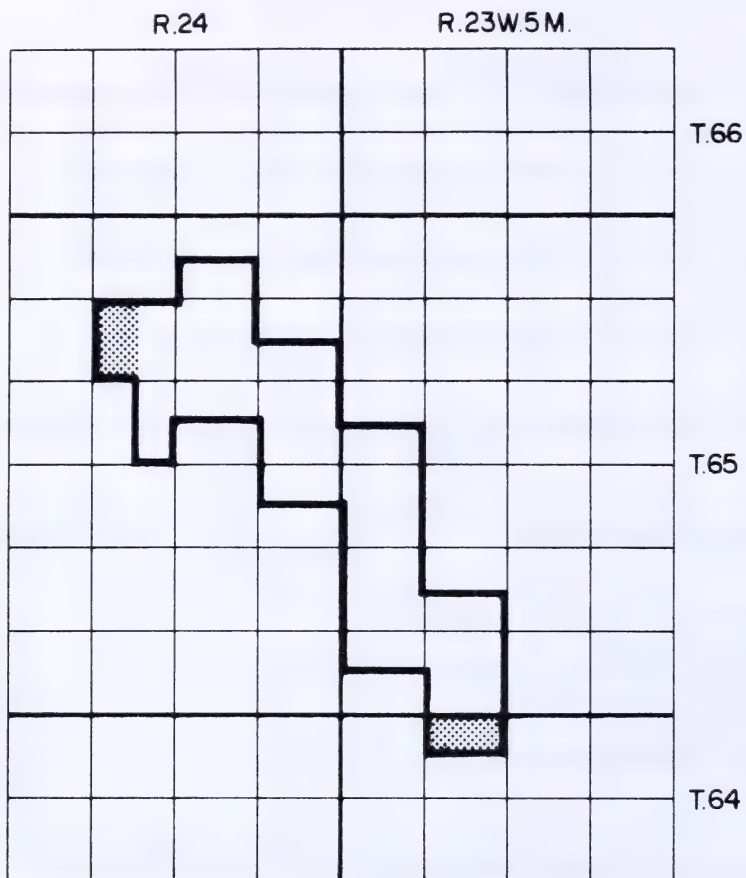
Per Cent Participation

Amoco Canada Petroleum Company Ltd.	45.41916
ICG Resources Ltd.	9.61034
International Petro Associates	2.88309
Mobil Oil Canada, Ltd.	5.02917
Petro-Canada Inc.	34.17515
Reading & Bates Petroleum Co.	2.88309
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



ANTE CREEK BEAVERHILL LAKE UNIT NO. 1

INITIAL EFFECTIVE DATE - MAY 1, 1968

UNIT OPERATOR - AMOCO CANADA PETROLEUM COMPANY LTD

AREA OF CHANGE EFFECTIVE — MAY 1, 1970

ANTELOPE GAS UNIT

Unit Operator - Quasar Petroleum Ltd.

Initial Effective Date - 10 August 1976

Participation Revised - 19 June 1978

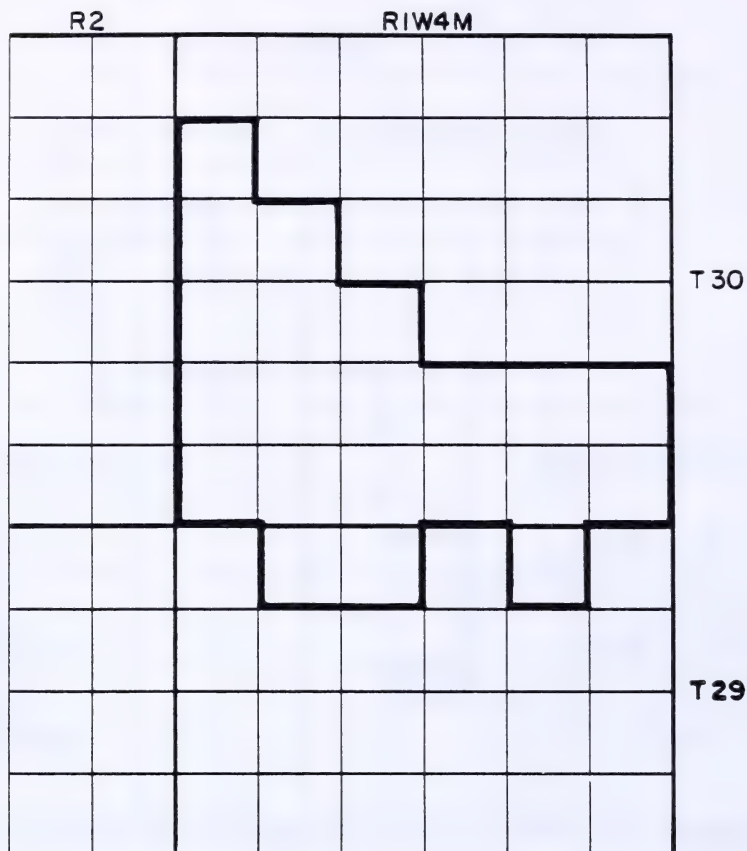
*Unitized Zone - Colony Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Consumes Oil Limited	40.46875
Gulf Oil Canada Limited	4.10157
Hudson's Bay Oil & Gas Company Ltd.	3.12500
Many Islands Pipelines Limited	1.17187
Quasar Petroleum Ltd.	40.46875
Sun Oil Company	1.64063
United Canso Oil & Gas Ltd.	0.82030
110550 Oil & Gas Limited	8.20313
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



ANTELOPE GAS UNIT

INITIAL EFFECTIVE DATE — AUGUST 10, 1976

UNIT OPERATOR — QUASAR PETROLEUMS LTD.

ARROWWOOD GAS UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 July 1977

Participation Revised - 1 October 1985

*Unitized Zone - Basal Belly River Formation

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	13.46661
Canadian Western Natural Gas Company Limited	15.71618
Commercial Oil & Gas Ltd.	0.43374
Dome Petroleum Limited	0.25474
Hudson's Bay Oil and Gas Company Limited	15.06196
Maligne Resources Limited	0.08491
Merland Explorations Limited	12.84589
Mobil Oil Canada Ltd.	1.52009
Musketeer Energy Ltd.	2.07853
Norpet Oil & Gas Ltd.	1.51796
PanCanadian Petroleum Limited	0.81931
Randle Ranches Limited	1.80328
Ring Petroleum Inc.	1.42732
Ring Resources Inc.	1.47097
Sceptre Resources Limited	26.07872
Scurry-Rainbow Oil Limited	1.20417
Southland Royalty Company	3.31902
Troy Oils Ltd.	0.28879
Vee Jay Oil Producers Inc.	0.28879
Woodbend Oil and Gas Ltd.	0.31902
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

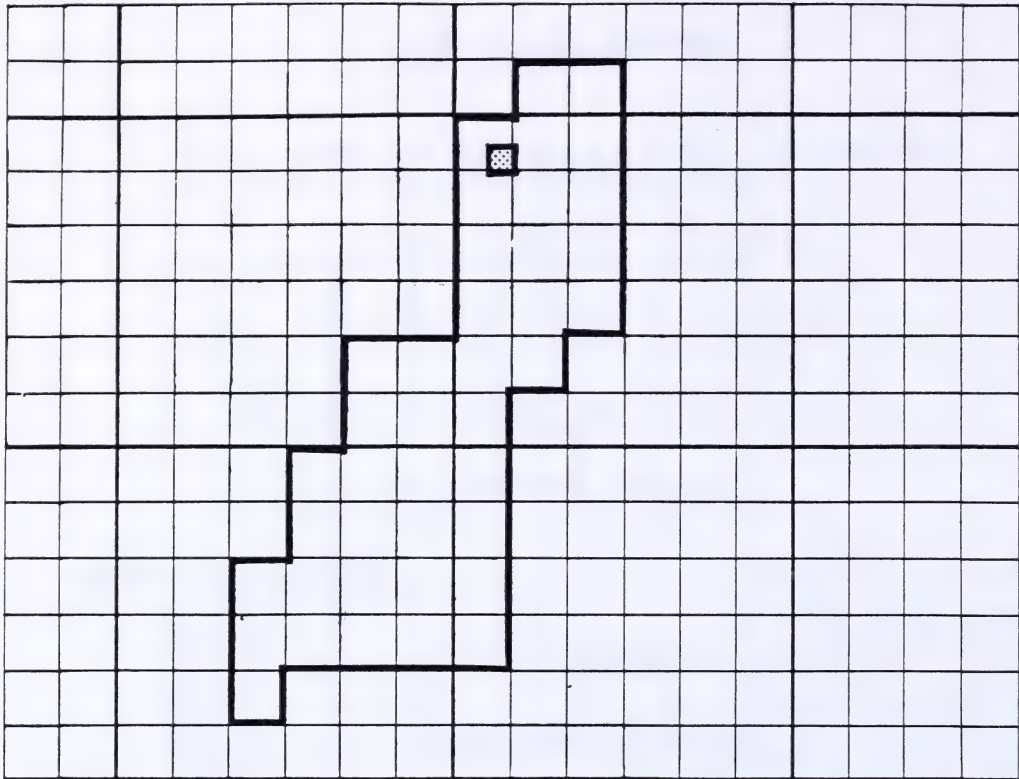
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.27

R.26

R.25W4M

R.24



ARROWWOOD GAS UNIT NO. 1

INITIAL EFFECTIVE DATE — JULY 1, 1977

AREA OF CHANGE EFFECTIVE — JULY 1, 1977

UNIT OPERATOR — HUDSON'S BAY OIL AND GAS COMPANY LIMITED

ATLEE-BUFFALO UPPER MANNVILLE "G" UNIT

Unit Operator - Canada Northwest Energy Limited

Initial Effective Date - 1 August 1983

Participation Revised - 2 December 1985

*Unitized Zone - Upper Mannville "G" Formation

*Unitized Substances - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Adanac Oil & Gas Limited	1.7296
Canada Northwest Energy Limited	56.3139
Hexagon Gas Company	31.7641
Murphy Oil Company Ltd.	10.1924
	<u>100.0000</u>

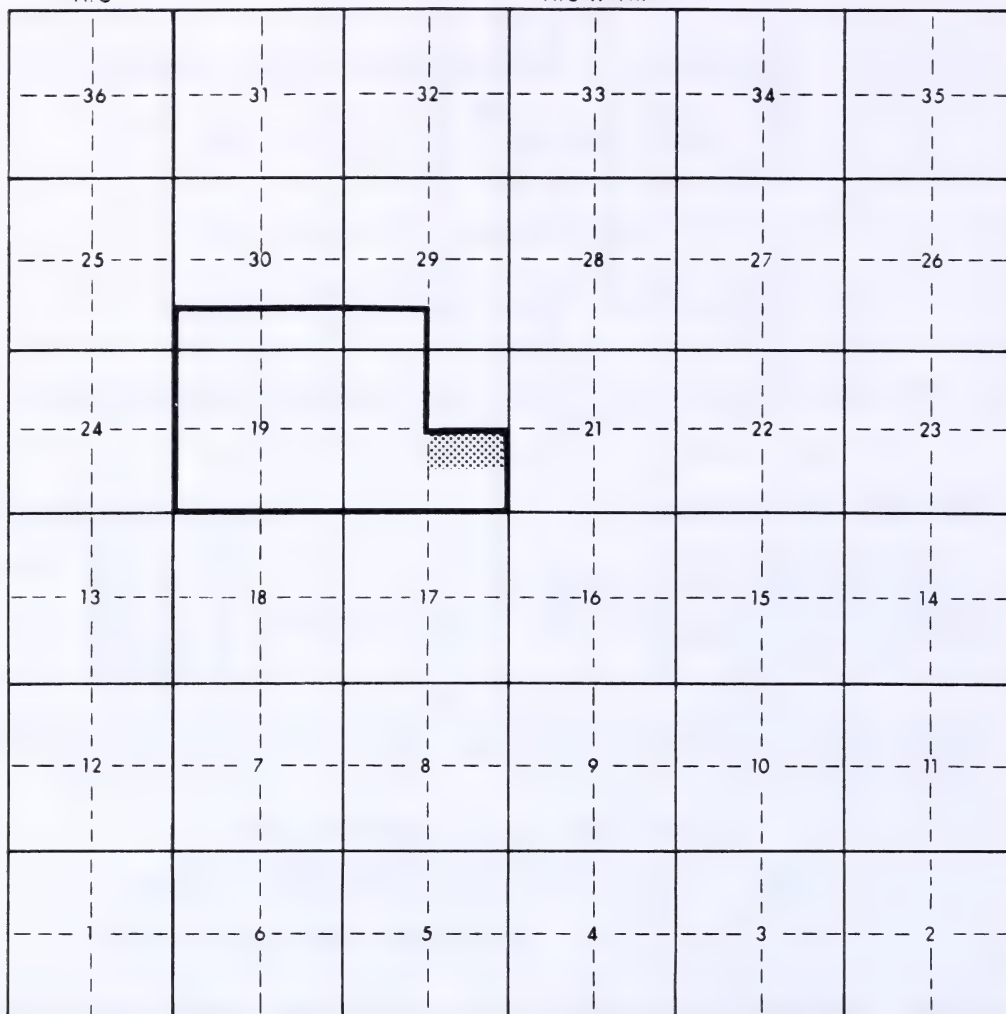
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6

R.5 W.4M



T.21

ATLEE-BUFFALO UPPER MANNVILLE G UNIT

INITIAL EFFECTIVE DATE - 1 AUGUST 1983

UNIT OPERATOR- PAN CANA RESOURCES LTD.

AREA OF CHANGE EFFECTIVE-2 DECEMBER 1985

ATLEE MEDICINE HAT SANDSTONE GAS UNIT NO. 1

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 November 1970

Participation Revised - 1 July 1975

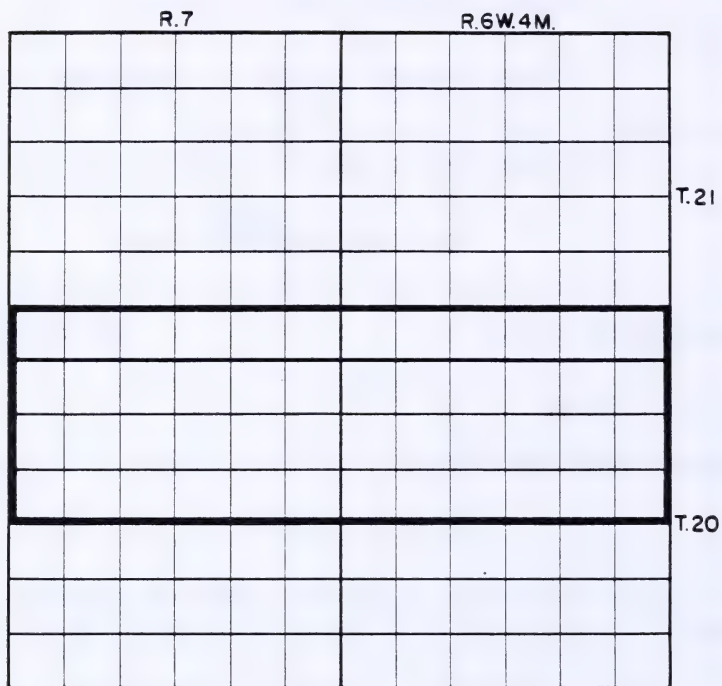
*Unitized Zone - Medicine Hat Sandstone Zone
•

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Lochiel Exploration	50.00
PanCanadian Petroleum Limited	<u>50.00</u>
	100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



ATLEE MEDICINE HAT SANDSTONE GAS UNIT NO.1

INITIAL EFFECTIVE DATE — NOVEMBER 1, 1970

UNIT OPERATOR — PANCANADIAN PETROLEUM LIMITED

BARNWELL PROVOST VIKING A UNIT

Unit Operator - Barnwell of Canada, Limited

Initial Effective Date - 1 March 1971

Participation Revised - 1 August 1983

*Unitized Zone - Viking A Formation

*Unitized Substance - Crude oil, solution gas and other associated hydrocarbons (not including natural gas and coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Barnwell of Canada, Limited	96.98060
Muphy Oil Company Limited	3.01940
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

BASHAW BASAL QUARTZ GAS UNIT NO. 1

Unit Operator - Gulf Canada Corporation

Initial Effective Date - 1 April 1977

Participation Revised - 3 March 1986

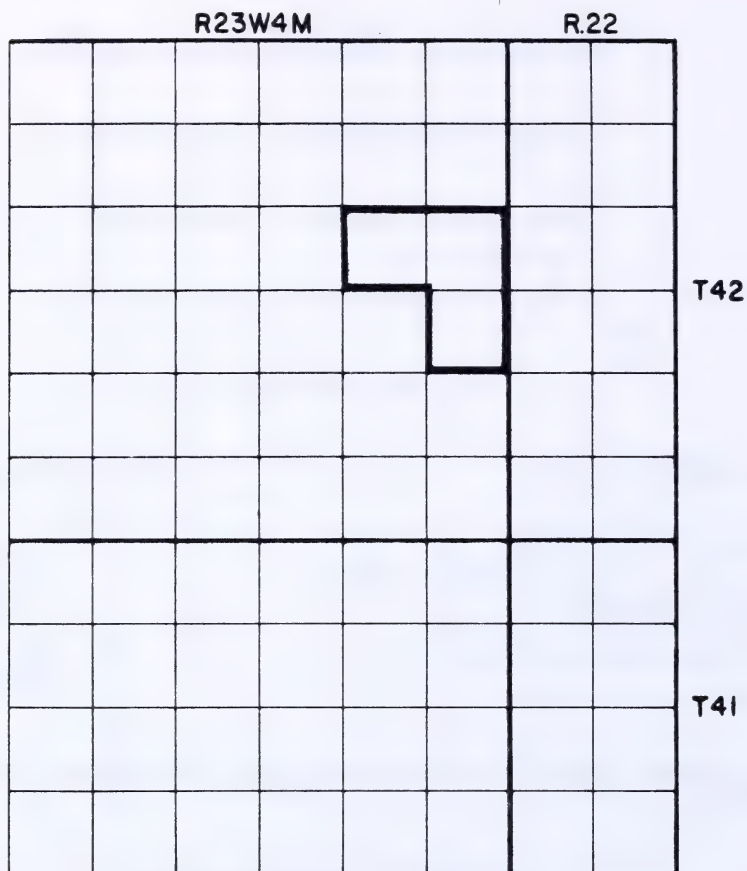
*Unitized Zone - Basal Quartz Zone

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Gulf Canada Corporation	40.5984
Hudson's Bay Oil & Gas Company Limited	10.1496
Kerr-McGee Corporation	4.1666
PanCanadian Petroleum Limited	22.9418
Texaco Canada Resources Ltd.	22.1436
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



BASHAW BASAL QUARTZ GAS UNIT NO.1

INITIAL EFFECTIVE DATE — APRIL 1, 1977

UNIT OPERATOR — GULF CANADA CORPORATION

BASHAW D-3A UNIT NO. 1

Unit Operator - Gulf Canada Corporation

Initial Effective Date - 1 December 1977

Participation Revised - 1 June 1986

*Unitized Zone - Leduc Formation

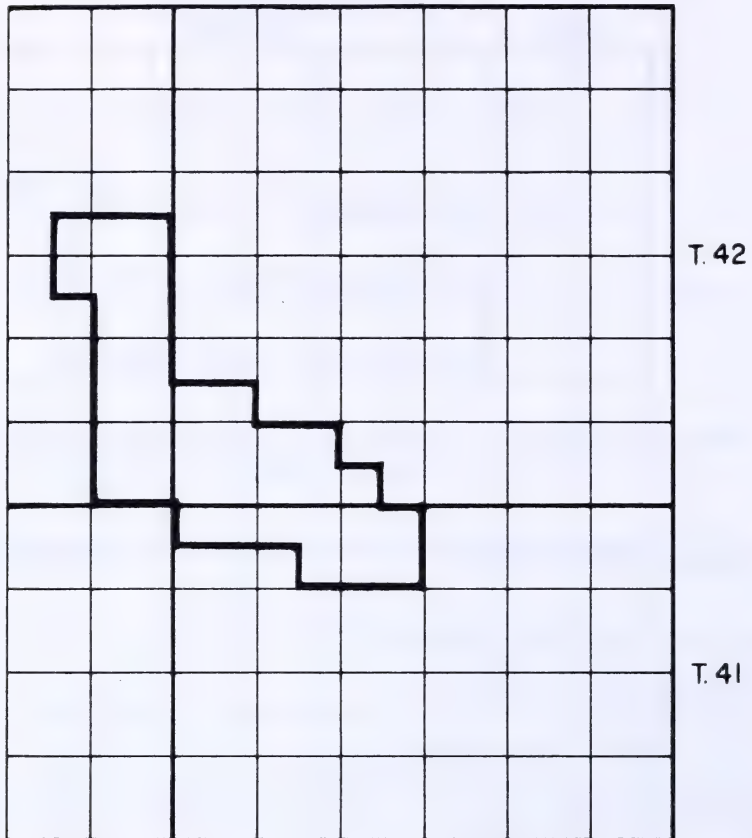
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
American Leduc Petroleums Ltd.	4.89650
Adanac Oil & Gas Limited	2.30740
Bellport Resources Ltd.	0.08253
Cardo Canada Ltd.	0.23902
Jerry Chambers Exploration Co.	0.10718
Chevron Canada Resources Limited	0.93065
Corvair Oils Ltd.	0.28040
Gulf Canada Corporation	50.74151
Hudson's Bay Oil and Gas Company Limited	6.16073
ICG Canadian Propane Ltd.	0.23266
Patricia R. McLean	0.03230
PanCanadian Petroleum Limited	23.46410
Sasko Oil & Gas Limited	2.30740
Simmons Management Limited	4.93067
Texaco Canada Resources Ltd.	3.28695
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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BASHAW D-3A UNIT NO.1

INITIAL EFFECTIVE DATE - DECEMBER 1, 1977

UNIT OPERATOR - GULF CANADA CORPORATION

BASSANO GAS UNIT

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 November 1969

Participation Revised - 1 December 1974

*Unitized Zone - Viking "C", Viking "D", Basal Colorado and Glauconitic Formation

*Unitized Substance - Natural gas and all other hydrocarbons (except coal and crude oil)

Working Interest Owners

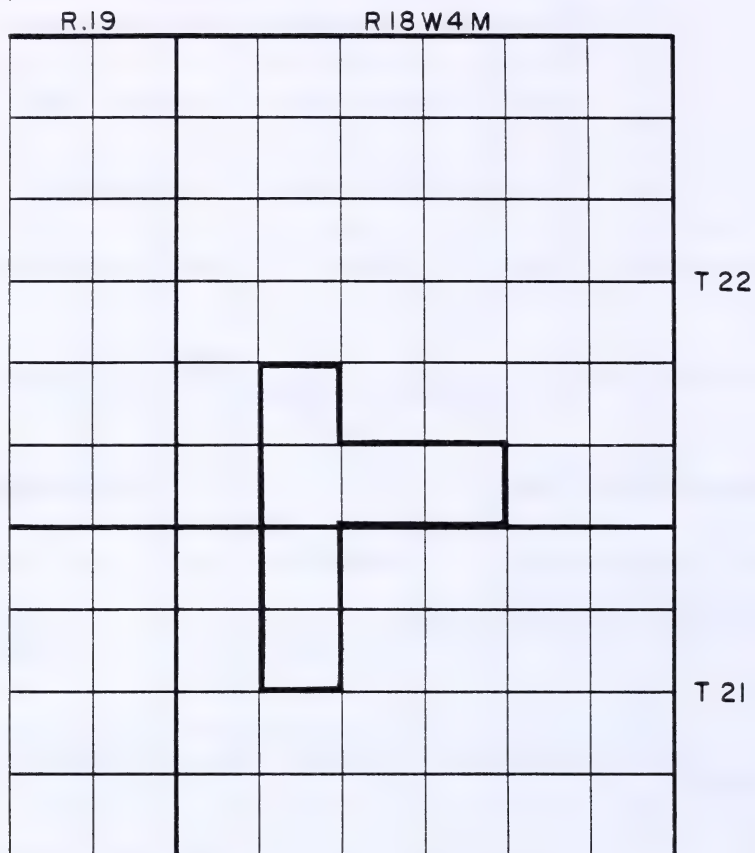
Per Cent Participation

Frisco Petroleums Ltd.	41.92810
Loon River Oils Limited	3.64078
PanCanadian Petroleum Limited	54.43112
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



BASSANO GAS UNIT

INITIAL EFFECTIVE DATE — NOVEMBER 1, 1969

UNIT OPERATOR- PANCANADIAN PETROLEUM LTD.

BEAVERHILL LAKE VIKING GAS UNIT

Unit Operator - Northwestern Utilities Limited

Initial Effective Date - 1 July 1967

Participation Revised - 1 November 1984

*Unitized Zone - Viking Formation

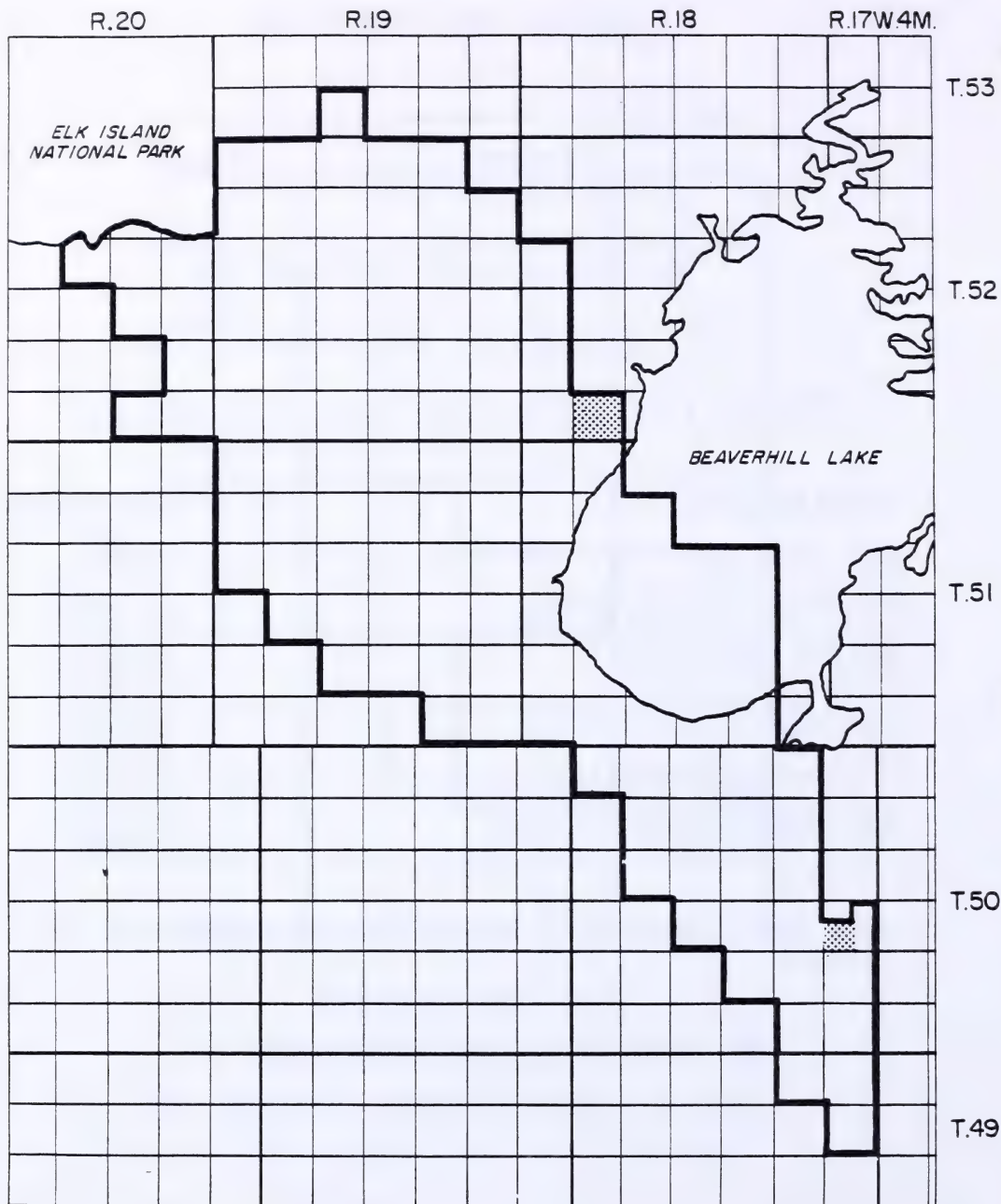
*Unitized Substances - Natural gas and other hydrocarbons
(except petroleum and coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Atcor Resources Limited	0.283972
Corvair Oils Ltd.	0.022716
Esso Resources Canada Limited	1.051026
Northwestern Utilities Limited	95.375347
Penn West Petroleum Ltd.	0.189314
Raeson Investments Ltd.	0.005679
Scotia Oils Limited	0.029423
Star Oil & Gas Ltd.	0.255576
Suncor Inc.	0.043198
Texaco Canada Resources Ltd.	2.528780
Union Oil Company of Canada Limited	0.043198
Webb International Minerals, Inc.	0.171771
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



BEAVERHILL LAKE VIKING GAS UNIT



INITIAL EFFECTIVE DATE - 1 JULY 1967

UNIT OPERATOR - NORTHWESTERN UTILITIES LIMITED

AREA OF CHANGE EFFECTIVE - 1 NOVEMBER 1984

BEAVERHILL LAKE VIKING GAS SAND UNIT NO. 2

Unit Operator - Voyager Petroleum Ltd.

Initial Effective Date - 1 January 1973

*Unitized Zone - Viking

*Unitized Substance - Natural gas and other hydrocarbons (except crude oil and coal)

Working Interest Owners

Per Cent Participation

Voyager Petroleum Ltd.

100.00000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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BEAVERHILL LAKE VIKING GAS SAND UNIT NO. 2

INITIAL EFFECTIVE DATE — JANUARY 1, 1973

UNIT OPERATOR — VOYAGER PETROLEUMS LTD.

BELLIS GAS UNIT NO. 1

Unit Operator - BP Exploration Canada Limited

Initial Effective Date - July 1, 1971
Participation Revised - March 1, 1976

<u>Working Interest Owner</u>	<u>Per Cent Participation</u>
Anderson Exploration Ltd.	10.05241
Amax Petroleum of Canada Limited	20.82414
BP Exploration Canada Limited	28.09360
Canadian Superior Oil Limited	10.15330
Esperanza Oil Ltd.	10.05241
Ladd Exploration Company	20.82414
	<hr/>
	100.00000

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

BELLIS UNIT NO. 2

Unit Operator - BP Resources Canada Limited

Initial Effective Date - 1 October 1978

Participation Revised - 1 March 1986

*Unitized Zone - Viking, Colony, Lower Colony, Sparky, Edward,
Glaucinitic, Lower Glaucinitic, McMurray and
Camrose

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Anderson Exploration Ltd.	30.59869
BP Resources Canada Limited	27.84075
Canadian Superior Oil Ltd.	10.06190
Dynamar Energy Limited	0.02745
Esperanza Oil Ltd.	9.96194
Ladd Exploration Company	20.63672
Nicolas Gas and Oil Ltd.	0.79020
Taurus Oil Limited	0.02059
Trilogy Resource Corporation	0.04117
251582 Alberta Ltd.	0.02059
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit
Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



BELLOY GAS UNIT NO. 1

Unit Operator - BP Exploration Canada Limited

Initial Effective Date - 1 January 1981

*Unitized Zone - Stoddart Formation

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Exploration Canada Limited	24.9547
CNG Producing Company	11.4257
Ethyl Development Corporation	8.8914
Hudson's Bay Oil & Gas Company Limited	43.3057
New York Hide Trading Company	6.3476
Sulpetro Limited	4.7557
Union Gas Limited	0.3192
	<u>100.0000</u>

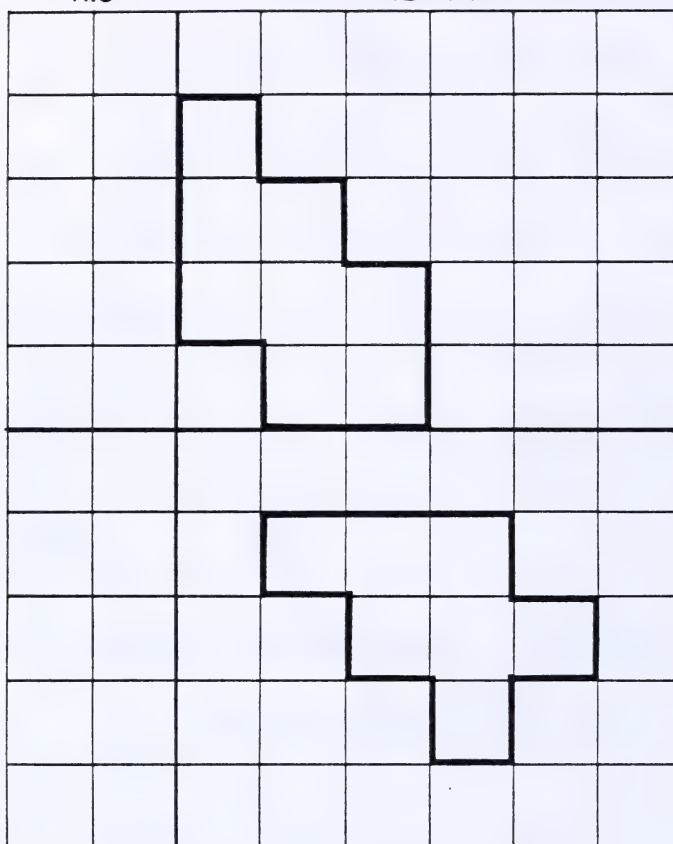
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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BELLOY GAS UNIT NO.1

INITIAL EFFECTIVE DATE — 1 JANUARY 1981

UNIT OPERATOR - B.P. EXPLORATION CANADA LIMITED

BELLSHILL LAKE ELLERSLIE UNIT

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 November 1970

Participation Revised - 1 February 1986

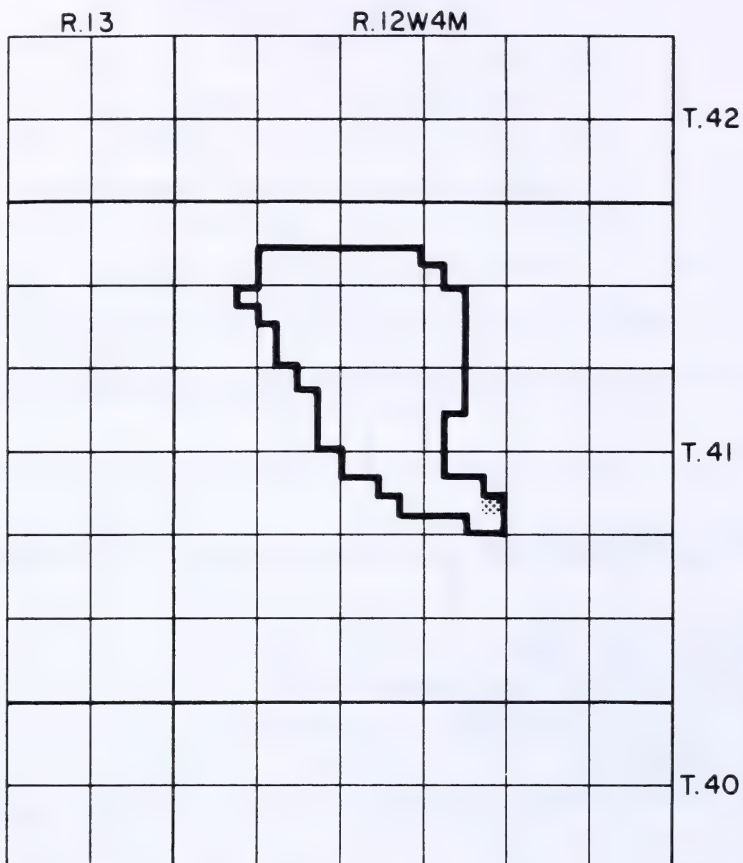
*Unitized Zone - Ellerslie Member of Blairmore Group

*Unitized Substance - Petroleum, Natural Gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canterra Energy Ltd.	7.42803
Champlin Canada Ltd.	3.70194
Hudson's Bay Oil & Gas Company Limited	4.14186
Husky Oil Operations Ltd.	5.44338
Keles Production Company	0.04589
Petro-Canada Inc.	75.91274
Shell Canada Limited	3.32616
	<u>100.00000</u>

* For a complete definition of unitized zone and substance see Unit Documents

(For Area - See Reverse Side)



BELLSHILL LAKE ELLERSLIE UNIT

INITIAL EFFECTIVE DATE - NOVEMBER 1, 1970

UNIT OPERATOR - PETRO - CANADA INC.

AREA OF CHANGE EFFECTIVE DECEMBER 1, 1971 

BENTLEY VIKING SAND UNIT

Unit Operator - Chevron Canada Resources Limited

Initial Effective Date - 1 June 1959

Participation Revised - 1 October 1985

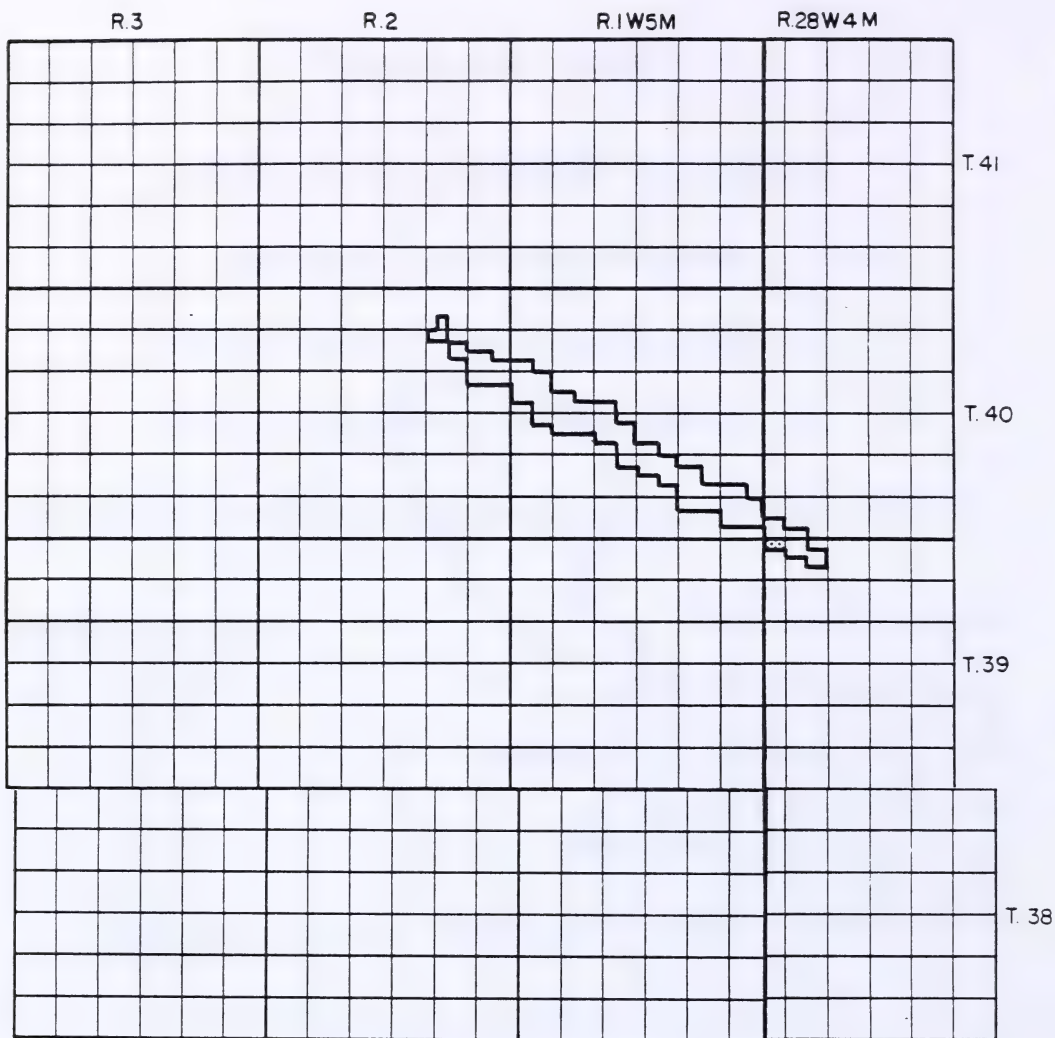
*Unitized Zone - Viking Sand

*Unitized Substance - Crude Oil, natural gas, condensate and all other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	20.1438
Chevron Canada Resources Limited	36.5580
Esso Resources Canada Limited	19.3120
Gulf Canada Resources, by its Managing Partner Gulf Canada Limited	2.9555
Hudson's Bay Oil & Gas Limited	4.1245
Norcen Energy Resources Limited	4.3531
Petro-Canada Ventures	5.9792
Suncor Inc.	6.4262
Western Decalta Petroleum (1977) Limited	0.1477
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents


(For Area - See Reverse Side)



BENTLEY VIKING SAND UNIT

INITIAL EFFECTIVE DATE - 1 JUNE 1959

UNIT OPERATOR - CHEVRON CANADA RESOURCES LIMITED

AREA OF CHANGE EFFECTIVE - 1 OCTOBER 1965 



BERRYMOOR CARDIUM UNIT

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 28 August 1969

Participation Revised - 1 June 1983

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	27.380360
DeKalb Petroleum Corporation	11.776225
Esso Resources Canada Limited	27.380360
Hudson's Bay Oil and Gas Company Limited	8.542240
ICG Resources Ltd.	1.753789
Musketeer Energy Ltd.	6.100575
Shell Canada Resources Limited	14.848115
Sulpetro Minerals Limited	<u>2.218336</u>
	100.000000

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

BERRY GAS UNIT

Unit Operator - Westar Petroleum Ltd.
Initial Effective Date - 1 September 1969
Participation Revised - 15 November 1982

Working Interest Owner

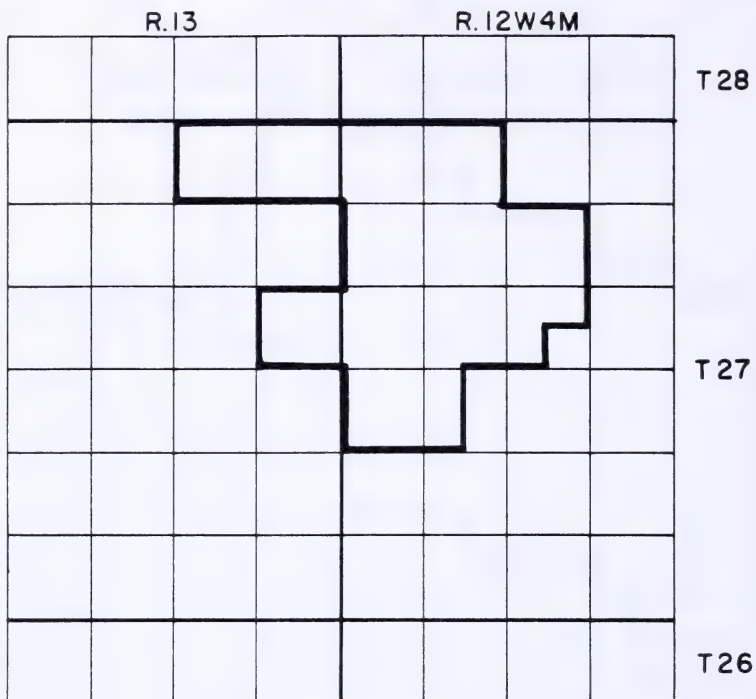
Per Cent Participation

Westar Petroleum Ltd.

100.00

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



BERRY GAS UNIT

INITIAL EFFECTIVE DATE - SEPTEMBER 1, 1969

UNIT OPERATOR - WESTAR PETROLEUM LTD

BIG BEND GAS UNIT NO. 1

Unit Operator - Norcen Energy Resources Limited

Initial Effective Date - 1 November 1978

Participation Revised - 1 December 1985

*Unitized Zone - McMurray Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

Asamera Inc.	4.17233
Esso Resources Canada Limited	16.68931
Hudson's Bay Oil and Gas Company Limited	19.77228
Norcen Energy Resources Limited	59.36608
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

BIGORAY NISKU "A" POOL UNIT NO. 1

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 1 April 1983

Participation Revised - 1 June 1986

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Anomo Canada Petroleum Company Ltd.	32.0891
Canadian Occidental Petroleum Ltd.	13.7525
Felmont Oil Corporation	5.6238
Hudson's Bay Oil and Gas Company Limited	5.6238
Independent Order of Foresters Canadian Head Office Pension Fund	0.5663
National Trust Company Account No. 6878	1.9820
Norcen Energy Resources Limited	11.4083
Pension Fund Energy Resources Limited	7.4447
Petro-Canada Inc.	4.5842
Rosehill Development Ltd.	2.1477
Texaco Canada Resources Ltd.	4.5842
2318-4518 Quebec Inc.	5.6630
141318 Canada Inc.	2.8315
636652 Ontario Inc.	1.6989
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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BIGORAY NISKU A POOL UNIT NO. 1

INITIAL EFFECTIVE DATE - 1 APRIL 1983

UNIT OPERATOR - AMOCO CANADA PETROLEUM COMPANY LTD.



BIGORAY NISKU "D" UNIT NO. 1

Unit Operator - Chevron Canada Resources Limited

Initial Effective Date - 1 January 1986

*Unitized Zone - Nisku "D" Pool

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Chevron Canada Resources Limited	75.00
J. M. Huber Corporation	<u>25.00</u>
	100.00

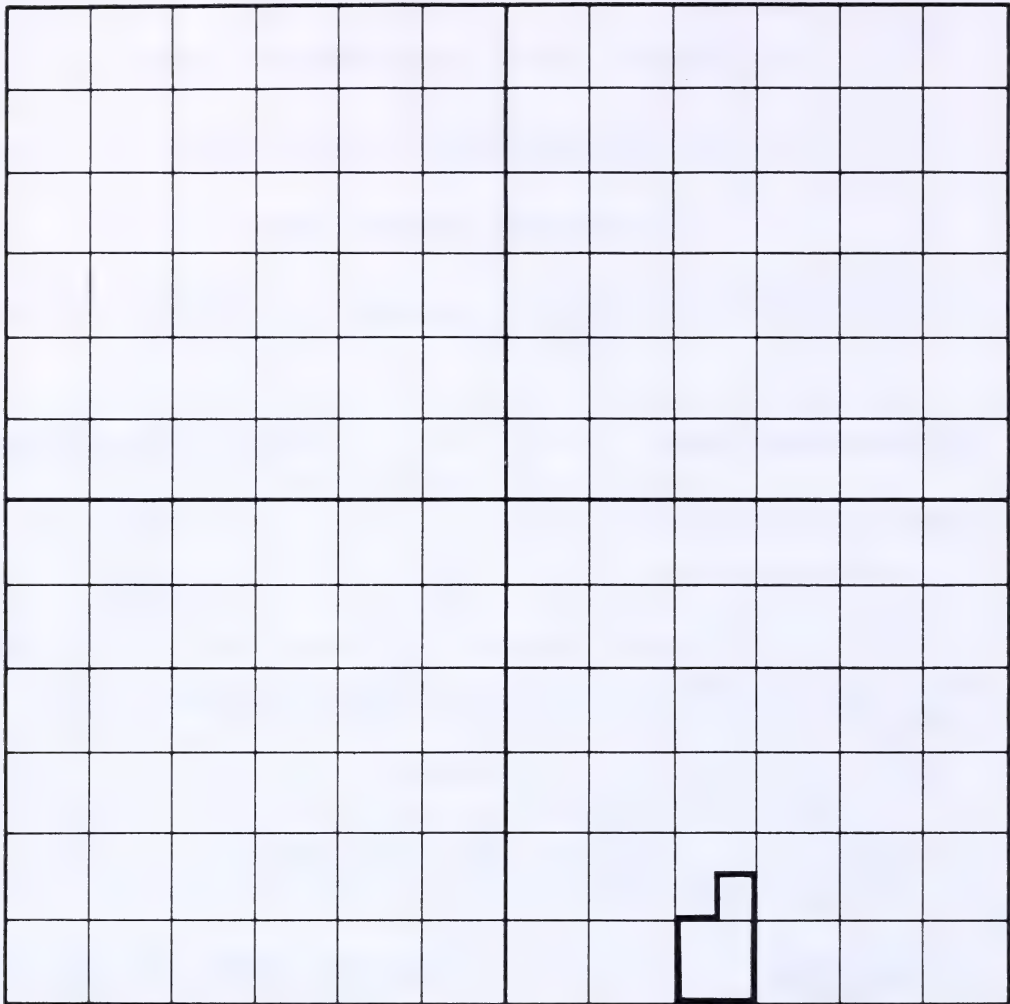
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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BIGORAY NISKU D UNIT NO.1



INITIAL EFFECTIVE DATE - 1 JANUARY , 1986

UNIT OPERATOR- CHEVRON CANADA RESOURCES LIMITED

BIGORAY NISKU K UNIT NO. 1

Unit Operator - Canterra Energy Ltd.

Initial Effective Date - 1 August 1986

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company ltd.	3.02612
Canterra Energy Ltd.	46.46300
Harvard International Resources ltd.	46.46300
Petro-Canada Inc.	2.02394
Texaco Canada Resources Ltd.	2.02394
	<u>100.00000</u>

*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.8W5M

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	13
7	8	9		11	12
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BIGORAY NISKU K UNIT NO.1



INITIAL EFFECTIVE DATE - 1 AUGUST 1986

UNIT OPERATOR - CANTERRA ENERGY LTD.

BIGORAY OSTRACOD UNIT NO. 1

Unit Operator - Norcen Energy Resources Limited

Initial Effective Date - 1 October 1964

Participation Revised - 1 February 1981

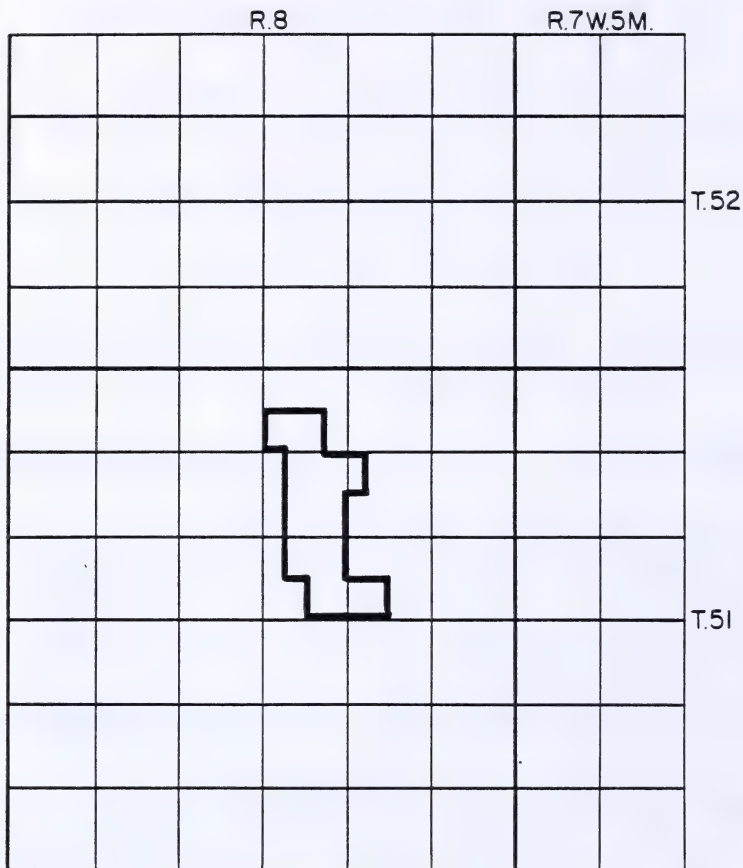
*Unitized Zone - Ostracod Zone

*Unitized Substance - Crude oil, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	1.3989
Canada-Cities Service Ltd.	0.5995
Denison Mines Limited	16.4231
Felmont Oil Corporation	0.5866
Norcen Energy Resources Limited	80.5923
Petro-Canada Exploration Inc.	0.1998
Texaco Exploration Canada Ltd.	0.1998
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



BIGORAY OSTRACOD UNIT NO. I

UNIT OPERATOR - NORCEN ENERGY RESOURCES LIMITED

- INITIAL EFFECTIVE DATE - OCTOBER 1, 1964

BIGORAY UNIT NO. 1

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 15 September 1971

Participation Revised - 1 June 1986

*Unitized Zone - Pekisko, Basal Quartz, Glauconite, Upper Blairmore C and Paskapoo Formations

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	51.656342
Canadian Occidental Petroleum Ltd.	16.497943
Felmont Oil Corporation	1.242237
Hudson's Bay Oil and Gas Company Limited	1.891957
Norcen Energy Resources Limited	14.481333
Petro-Canada Inc.	7.032461
Texaco Canada Resources	7.197727
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

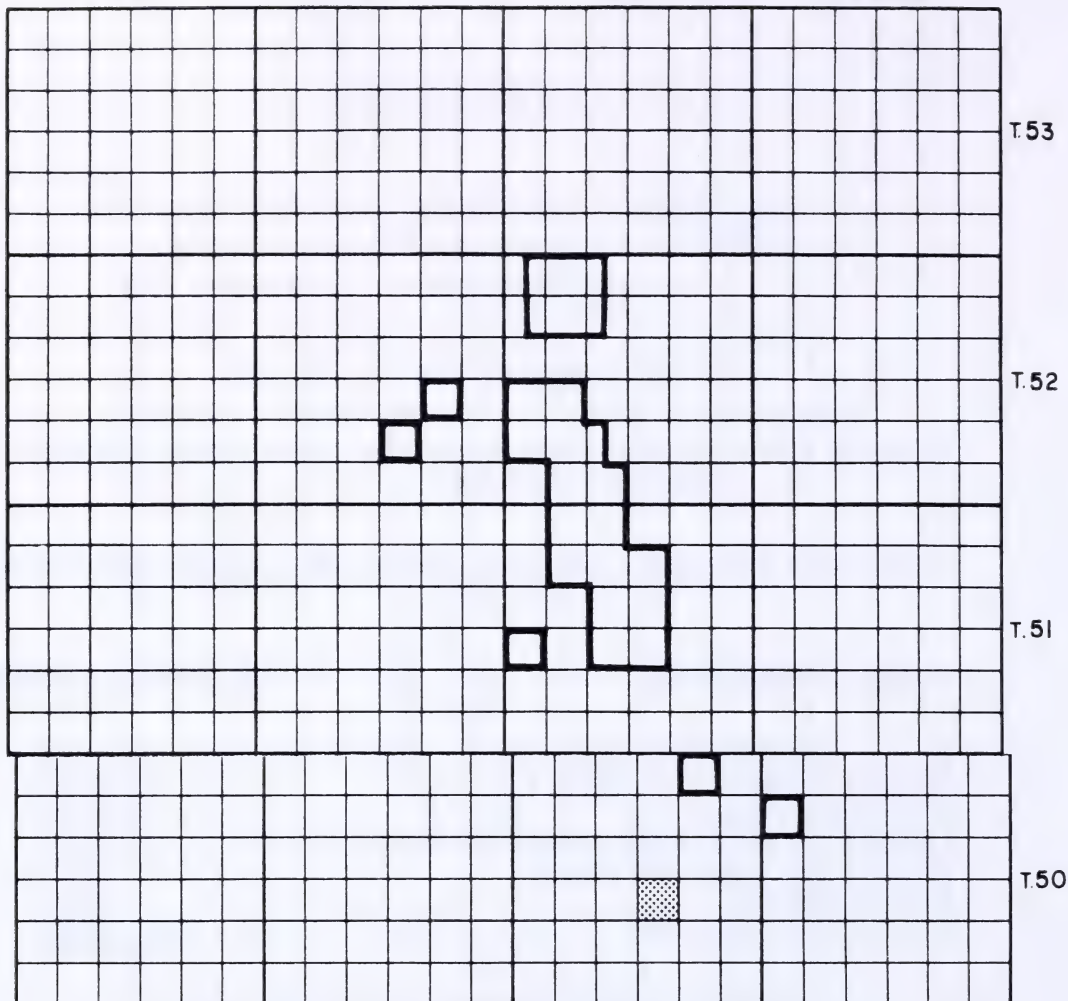
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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**BIGORAY UNIT NO.1**

INITIAL EFFECTIVE DATE - 15 SEPTEMBER 1971

UNIT OPERATOR - AMOCO CANADA PETROLEUM COMPANY LTD.

AREA OF CHANGE 

AREA OF CHANGE EFFECTIVE - 15 SEPTEMBER 1971

BIGSTONE GAS UNIT NO. 1

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 1 June 1968

Participation Revised - 1 June 1986

*Unitized Zone - Dunvegan, Leduc, Upper Gething and Lower Gething

*Unitized Substance - Condensate and gas

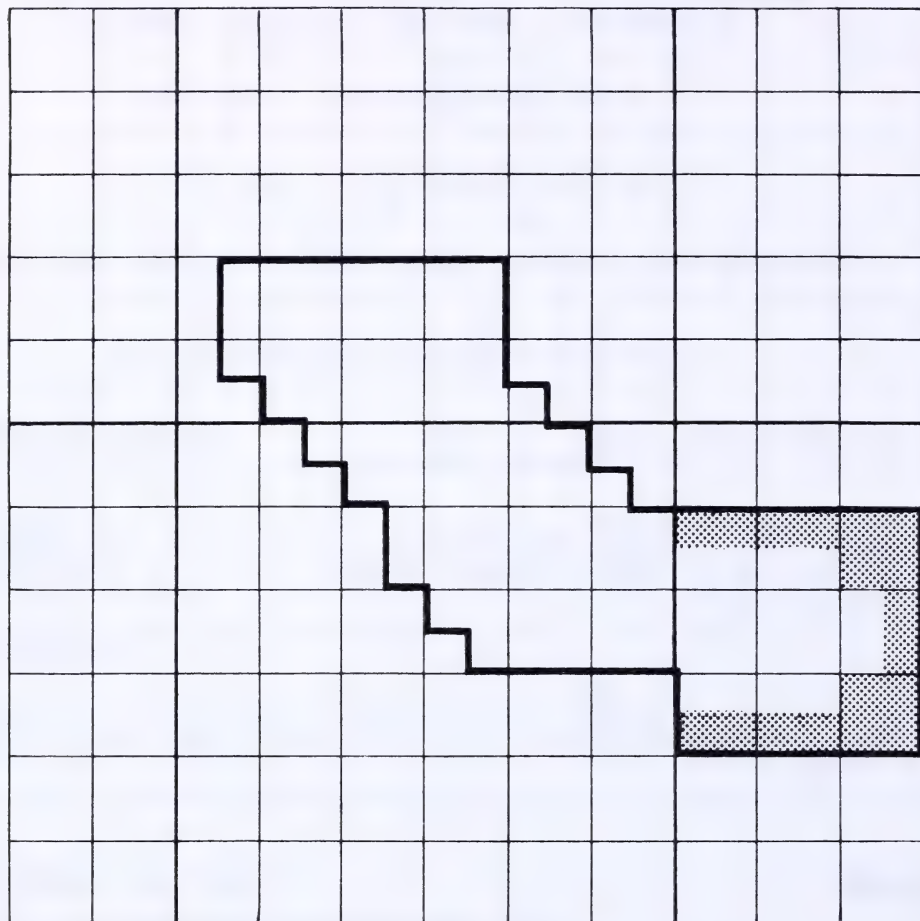
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Aberford Resources Ltd.	3.798588
Amoco Canada Petroleum Company Ltd.	75.105144
Hudson's Bay Oil and Gas Company Limited	16.031454
Petro-Canada Inc.	5.064814
	<hr/>
	100.000000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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BIGSTONE GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - JUNE 1, 1968

AREA OF CHANGE EFFECTIVE - MARCH 1, 1971

UNIT OPERATOR - AMOCO CANADA PETROLEUM COMPANY LTD

BINDLOSS UNIT NO. 1

Unit Operator - Placer CEGO Petroleum
A Division of Placer Development Limited

Initial Effective Date - 1 August 1959

Participation Revised - 20 March 1984

*Unitized Zone - Viking Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

Canadian Occidental Petroleum Ltd.	0.3409
Canadian Superior Oil Ltd.	7.9679
Hudson's Bay Oil and Gas Company Limited	2.8245
Husky Oil Operations Ltd.	18.8846
Norcen International Ltd.	23.0198
Petro-Canada Inc.	23.7494
Placer CEGO Petroleum	16.5313
United Siscoe Mines Inc.	6.6816
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Document

(For Area - See Reverse Side)

BITTERN GAS UNIT NO. 1

Unit Operator - Canadian Industrial Gas & Oil Ltd.

Initial Effective Date ----- December 1, 1967

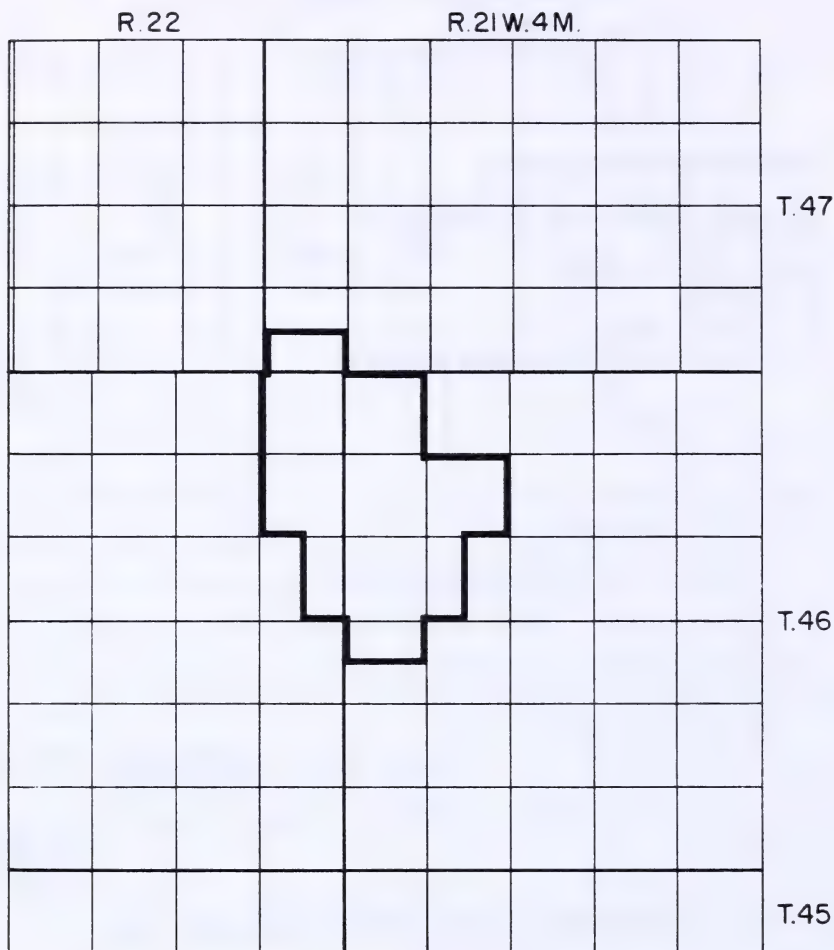
Working Interest Owner

Per Cent Participation

Canadian Industrial Gas & Oil Ltd.	93.03590
J. C. Coyle	0.48022
Geochemical Surveys	1.52091
H. Huffman	0.82720
W. J. Levy Inc.	0.82720
Western Decalta Petroleum Limited	<u>3.30857</u>
	100.00000

(For Area - See Reverse Side)

Oil and Gas Conservation Board
Calgary, Alberta



BITTERN LAKE GAS UNIT NO 1

INITIAL EFFECTIVE DATE - DECEMBER 1, 1967

UNIT OPERATOR - NORCEN ENERGY RESOURCES LIMITED

BLACK KEG RIVER A UNIT

Unit Operator - Canterra Energy Ltd.

Initial Effective Date - 1 October 1971

Participation Revised - 1 May 1986

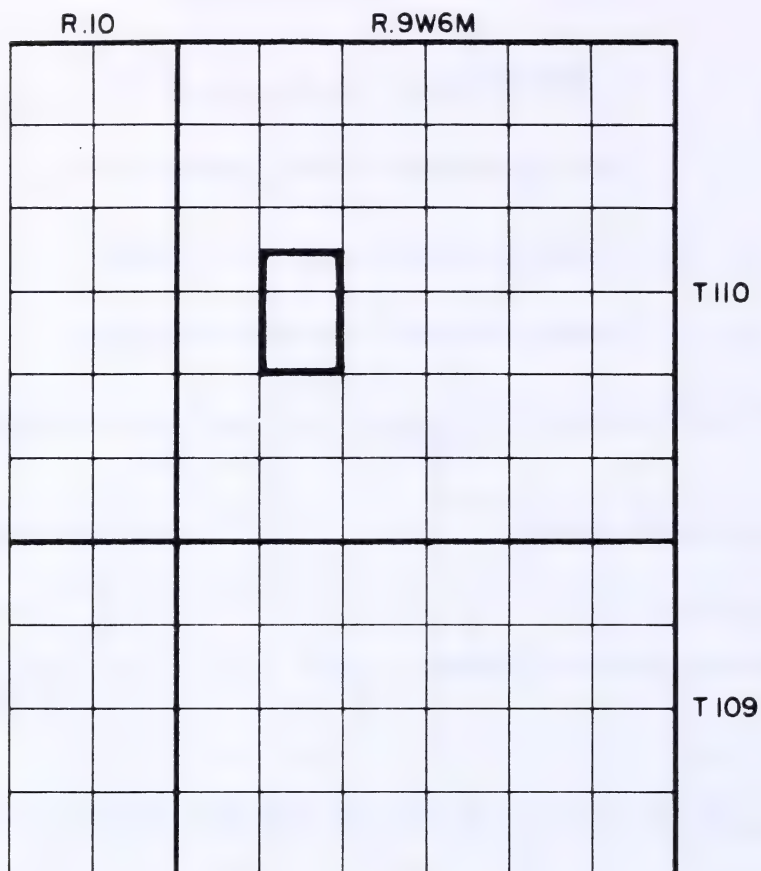
*Unitized Zone - Keg River Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canterra Energy Ltd.	47.00
PanCanadian Petroleum Limited	53.00
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



BLACK KEG RIVER A UNIT

UNIT OPERATOR - CANTERRA ENERGY LTD.

EFFECTIVE DATE - OCTOBER 1, 1971

BLUEBERRY MOUNTAIN GAS UNIT

Unit Operator - DeKalb Petroleum Corporation

Initial Effective Date - 1 November 1978

Participation Revised - 31 December 1980

*Unitized Zone - Paddy, Notikewin, Charlie Lake, Halfway, Belloy,
Kiskatinaw and Granite Wash

*Unitized Substance - Natural gas

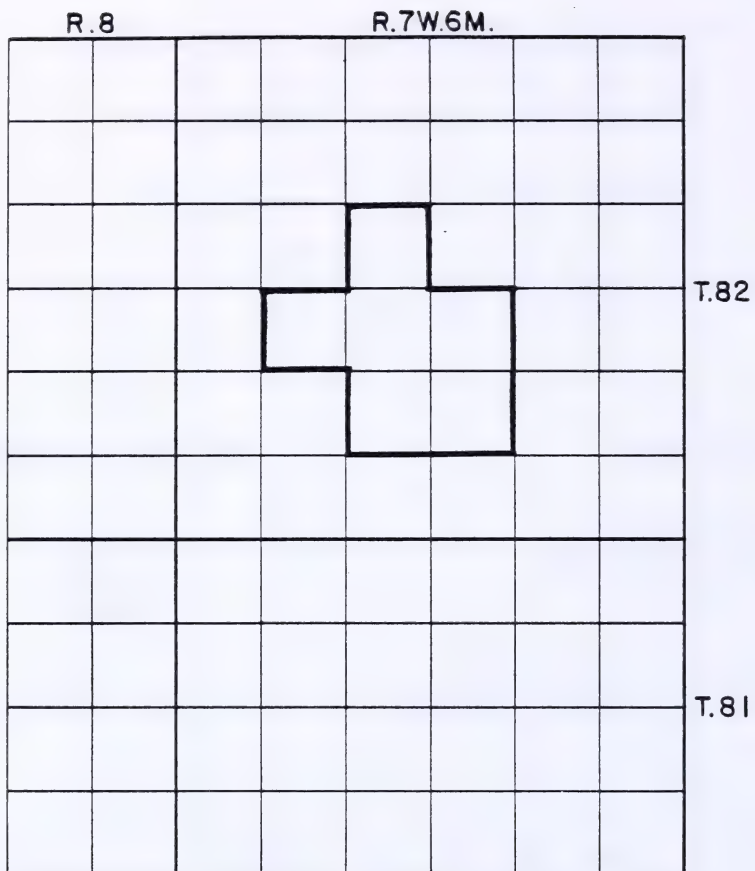
Working Interest Owners

Per Cent Participation

Canadian Superior Oil Ltd.	27.495
DeKalb Petroleum Corporation	27.495
Texaco Canada Inc.	<u>45.010</u>
	100.000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



BLUEBERRY MOUNTAIN GAS UNIT

INITIAL EFFECTIVE DATE-NOVEMBER 1, 1978

UNIT OPERATOR-DEKALB PETROLEUM CORPORATION

BLUE RAPIDS CARDIUM UNIT NO. 1

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 September 1968

Participation Revised - 1 May 1986

*Unitized Zone - Cardium Formation

*Unitized Substance - Crude oil, natural gas and other hydrocarbons
(except coal)

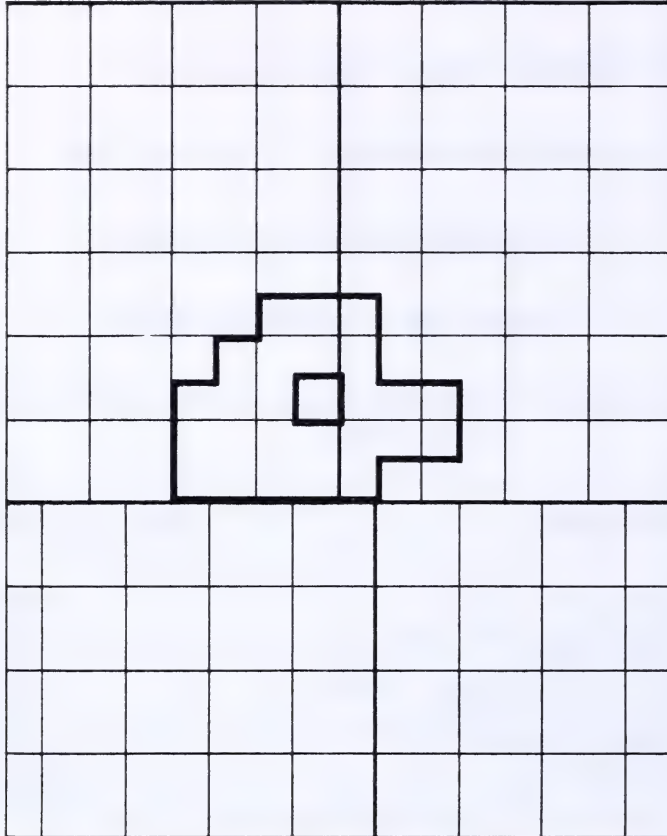
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Aberford Resources Ltd.	10.9343
Amoco Canada Petroleum Company Ltd.	24.0021
Benedum-Trees Oil Company	3.6448
Hudson's Bay Oil and Gas Company Limited	24.0021
Norcen Energy Resources Limited	3.2926
Sunlite Oil Company Limited	0.3659
Texaco Canada Resources	33.7582
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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BLUE RAPIDS CARDIUM UNIT NO. 1

INITIAL EFFECTIVE DATE - SEPTEMBER 1, 1968

UNIT OPERATOR — TEXACO CANADA RESOURCES

BOLLOQUE UNIT NO. 1

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 December 1977

Participation Revised - 1 August 1983

*Unitized Zone - Mannville Formation

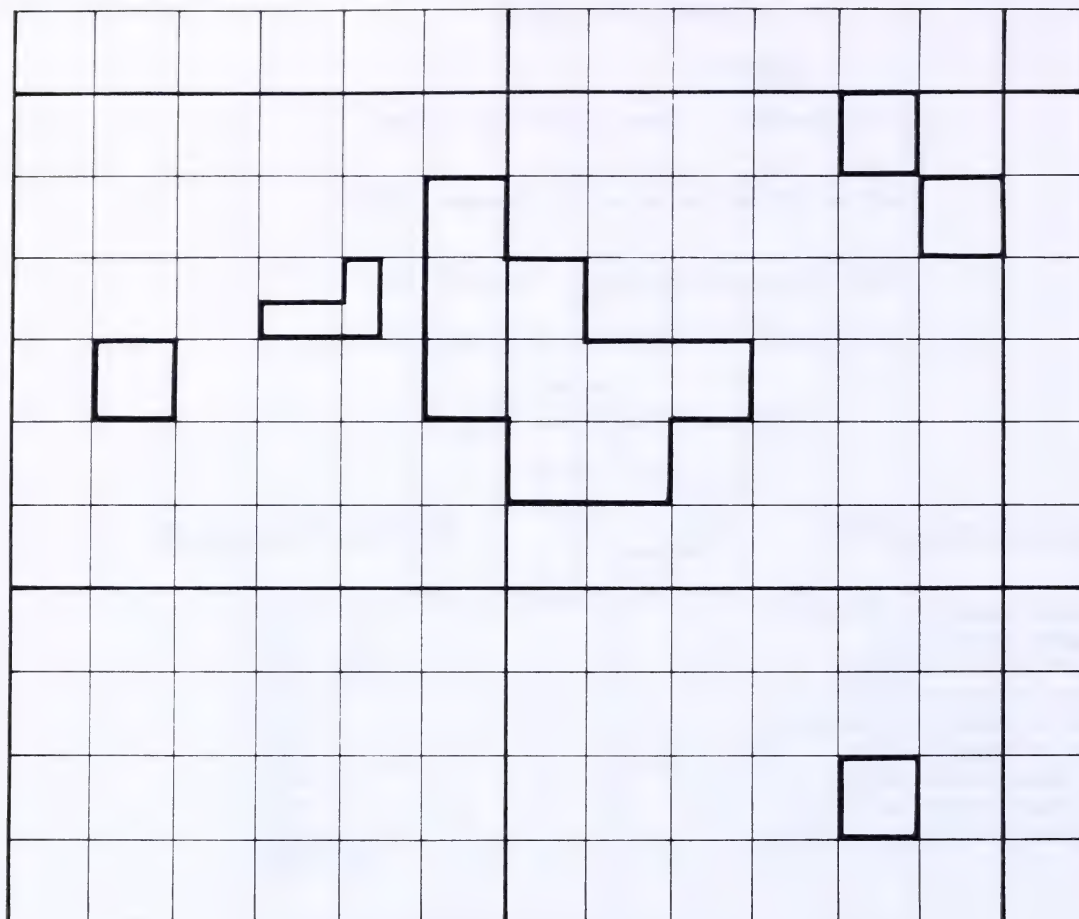
*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	4.11959
Canterra Energy Ltd.	24.12347
Dome Petroleum Limited	53.35260
Dorset Resources Ltd.	1.99221
Imperial Metals Corporation	5.97664
Lanka Exploration Ltd.	2.08990
Lobo Exploration Ltd.	2.27125
Penn West Petroleum Ltd.	3.98444
Universal Explorations Ltd.	2.08990
	<u>100.00000</u>

*For a complete definition of unitized zones and substances
see Unit Documents

(For Area - See Reverse Side)

R. 25 W. 4 M.



T. 63

INITIAL EFFECTIVE DATE- DECEMBER 1, 1977

UNIT OPERATOR — DOME PETROLEUM LIMITED

BON ACCORD VIKING UNIT

Unit Operator - Can-Tex Producing Company Ltd.

Initial Effective Date - 1 January 1965

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

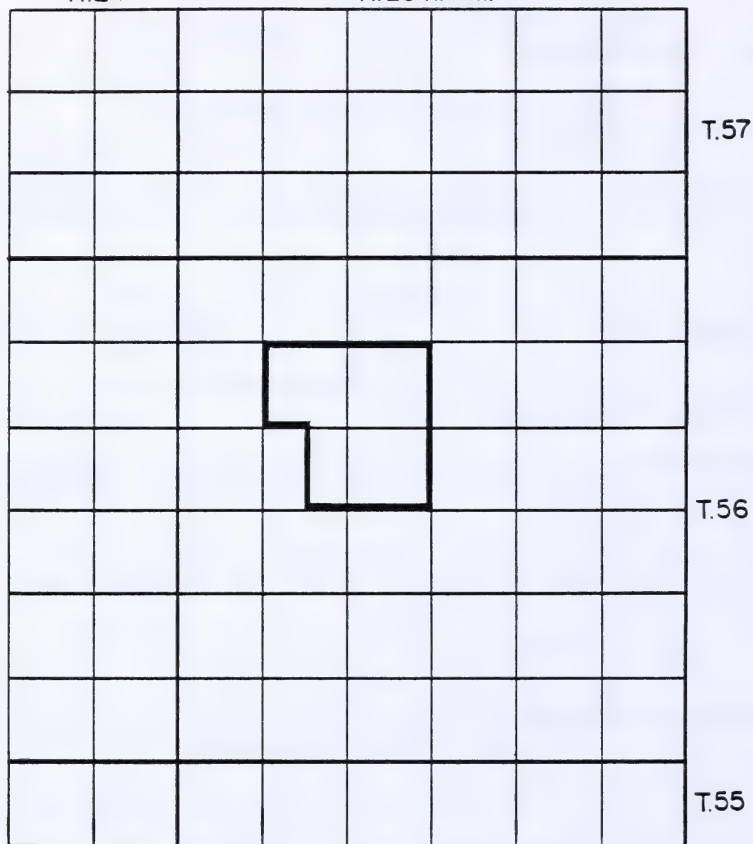
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Can-Tex Producing Company Ltd.	68.4524
Imperial Oil Limited	<u>31.5476</u>
	100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R.24

R.23 W.4M.



BON ACCORD VIKING UNIT

UNIT OPERATOR - CAN-TEX PRODUCING COMPANY LTD.

JANUARY 1, 1965

BONANZA BOUNDARY LAKE "A" POOL UNIT NO. 1

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 January 1986

*Unitized Zone - Boundary "A" Zone

*Unitized Substance - Petroleum, gas and other hydrocarbons

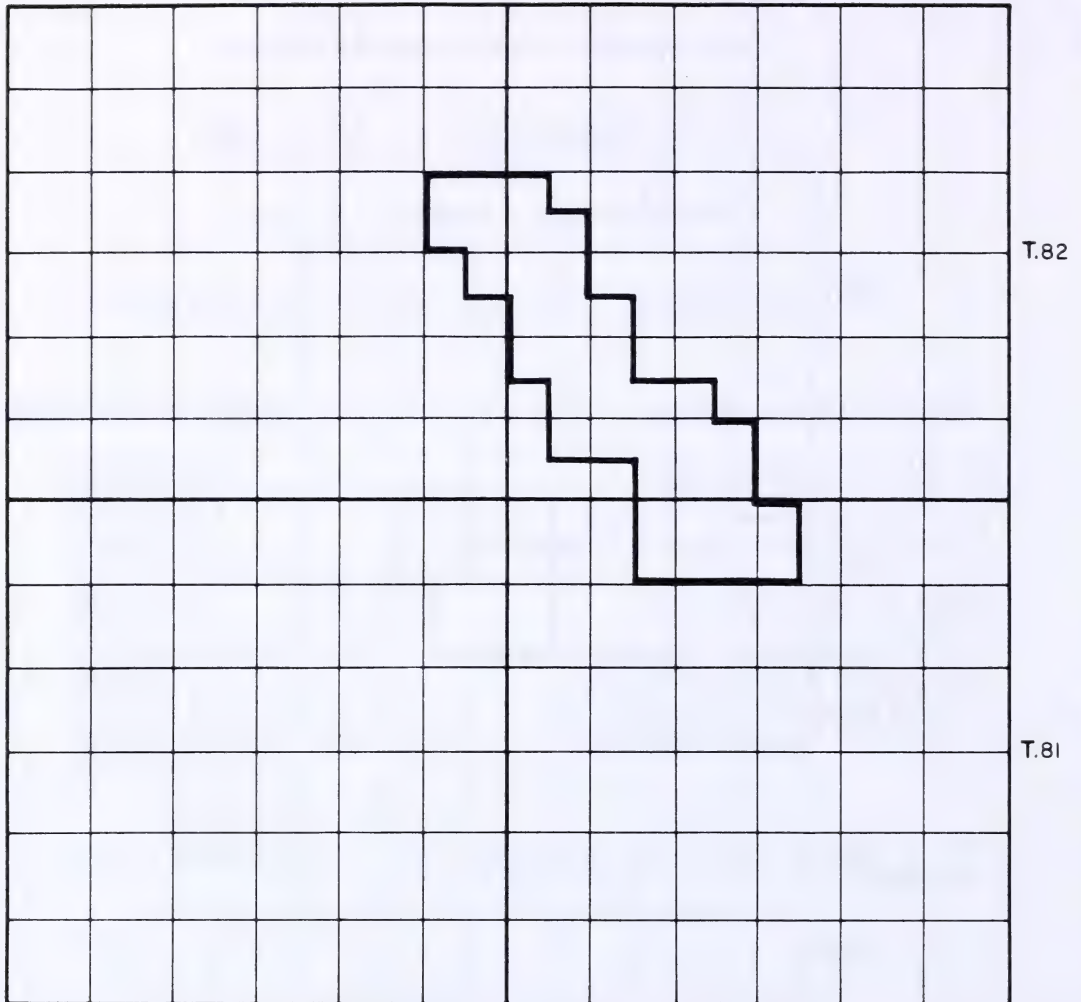
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Resources Canada Limited	14.2342435
Bluesky Oil and Gas Ltd.	0.1668826
Chieftain Development Co. Ltd.	0.8419981
Columbia Gas Development of Canada Ltd.	0.0604946
Dome Petroleum Limited	40.5673765
Husky Oil Operations Ltd.	14.2342435
Inverness Petroleum Ltd.	0.1668826
Northern Development Company Limited	10.1854226
PanCanadian Petroleum Limited	6.8519064
Trilogy Resource Corporation	2.5051270
Wintershall Oil of Canada Ltd.	10.1854226
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.11 W.6M.



ERC

UNIT OPERATOR- DOME PETROLEUM LIMITED

BONNIE GLEN CARDIUM UNIT NO. 1

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 August 1973

Participation Revised - 1 May 1986

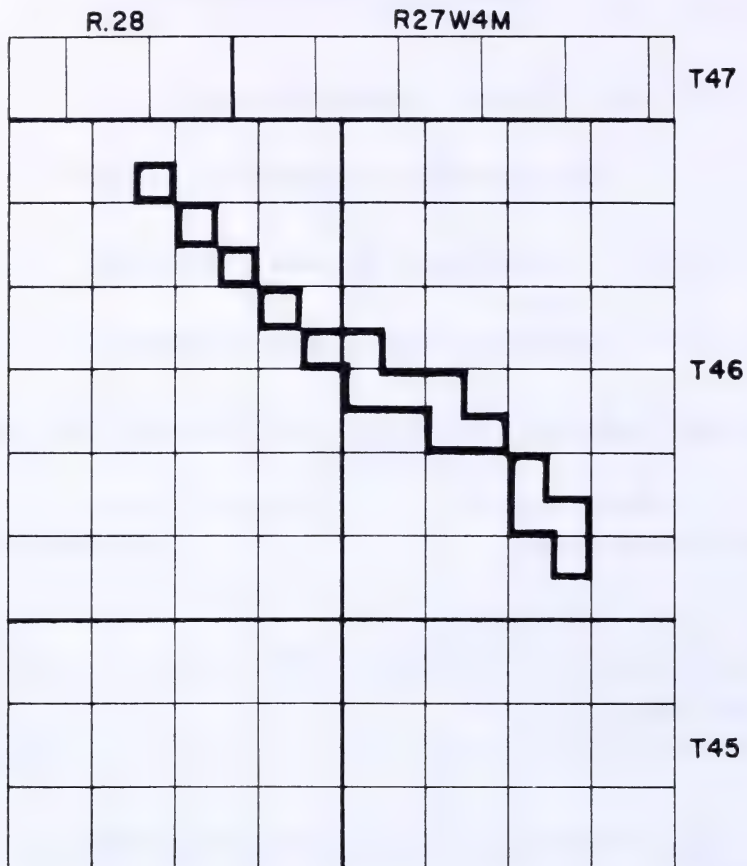
*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Chevron Canada Resources Limited	1.0372
Hudson's Bay Oil and Gas Company Limited	5.4553
Norcen Energy Resources Limited	5.4553
Plainsman Exploration Ltd.	1.0372
Texaco Canada Resources	87.0150
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



BONNIE GLEN CARDIUM UNIT NO.1

INITIAL EFFECTIVE DATE - AUGUST 1, 1973

UNIT OPERATOR — TEXACO CANADA RESOURCES

BONNIE GLEN D-3A GAS CAP UNIT

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 September 1973

Participation Revised - 1 May 1986

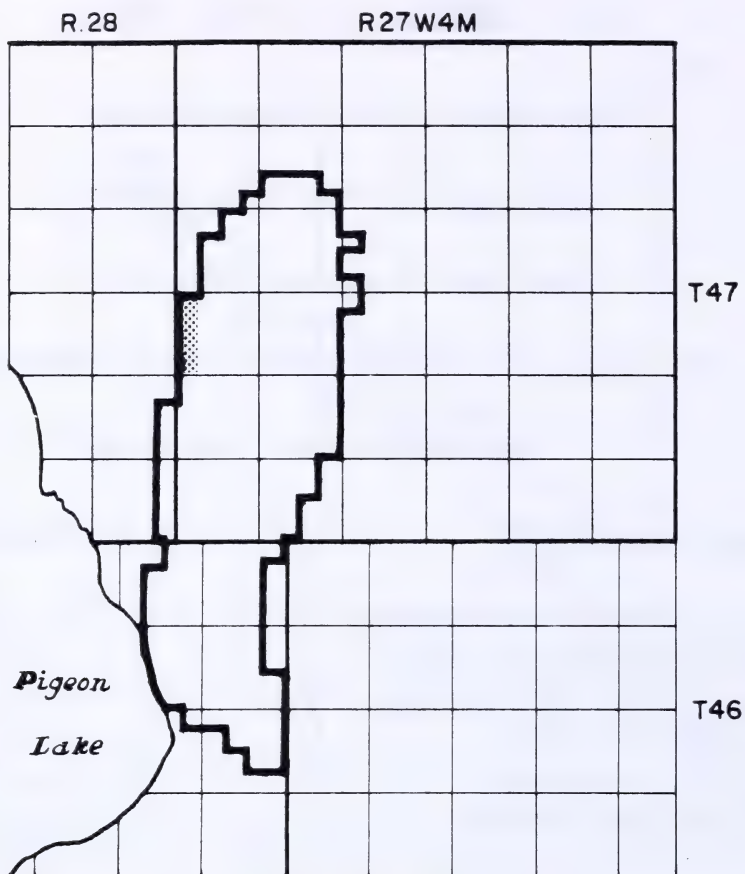
*Unitized Zone - Gas Cap in the Leduc Formation

*Unitized Substance - Gas cap gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	1.5363
Chevron Canada Resources Limited	12.6286
Esso Resources Canada Limited	0.6308
Hudson's Bay Oil and Gas Company Limited	0.7709
Kerr-McGee Corporation	0.0010
Suncor Inc.	0.9868
Texaco Canada Resources	81.5757
Total Petroleum Canada Ltd.	<u>1.8699</u>
	100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



BONNIE GLEN D-3A GAS CAP UNIT

INITIAL EFFECTIVE DATE - SEPTEMBER 1, 1973

UNIT OPERATOR — TEXACO CANADA RESOURCES

BONNIE GLEN D-3A OIL UNIT NO. 1

Unit Operator - Chevron Canada Resources Limited

Initial Effective Date - 1 January 1975

Participation Revised - 1 May 1983

*Unitized Zone - Leduc Formation (except the Gas Cap)

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal and gas cap gas)

Working Interest Owners

Per Cent Participation

Canterr Energy Ltd.	2.187500
Chevron Canada Resources Limited	87.500000
Petro-Canada Exploration Inc.	1.732553
Petro-Canada Ventures	5.142447
Scurry-Rainbow Oil Limited	3.437500
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 29

R. 28

R. 27

R. 26W4 M

T. 49

T. 48

T. 47

T. 46

BONNIE GLEN D-3A OIL UNIT NO.1

INITIAL EFFECTIVE DATE - 1 JANUARY 1975

UNIT OPERATOR - CHEVRON CANADA RESOURCES



BOUNDARY LAKE SOUTH TRIASSIC C UNIT

Unit Operator - Francana Oil and Gas Ltd.

Initial Effective Date - 1 November 1972

Participation Revised - 1 April 1984

*Unitized Zone - Boundary Lake Zone

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

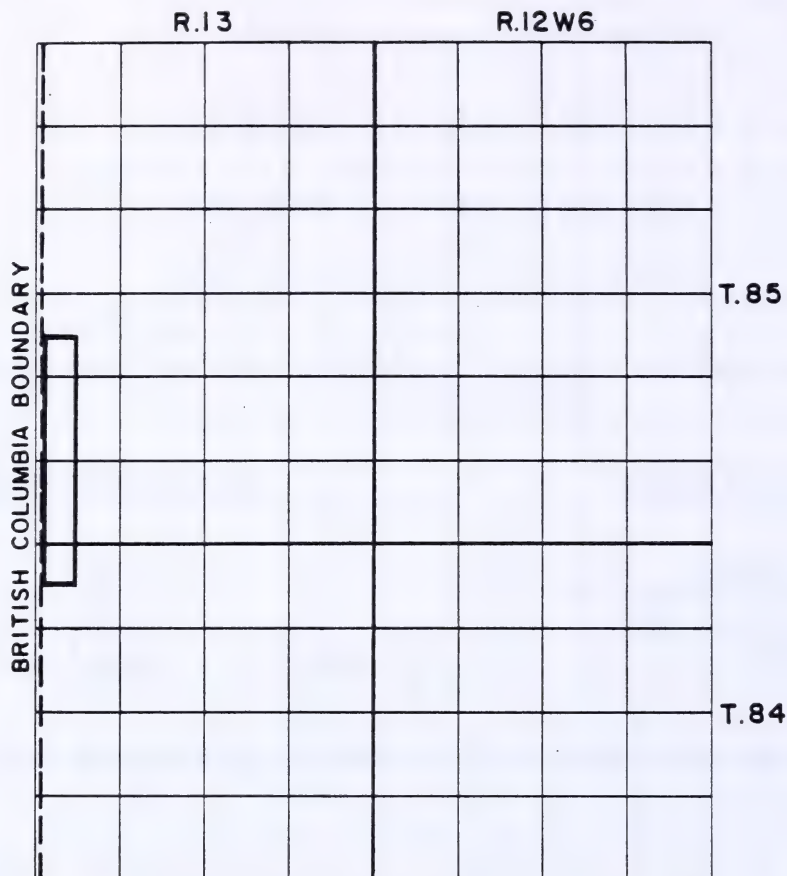
Working Interest Owners

Per Cent Participation

Dunbar Oil Limited	24.759
Francana Oil & Gas Ltd.	24.759
Scurry-Rainbow Oil Ltd.	32.563
Sun Oil Company	17.919
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



BOUNDARY LAKE SOUTH TRIASSIC 'C' UNIT

INITIAL EFFECTIVE DATE — NOVEMBER 1, 1972

UNIT OPERATOR — FRANCANA GAS AND OIL LTD.

BOUNDARY LAKE SOUTH TRIASSIC E POOL UNIT

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 April 1972

Participation Revised - 1 August 1984

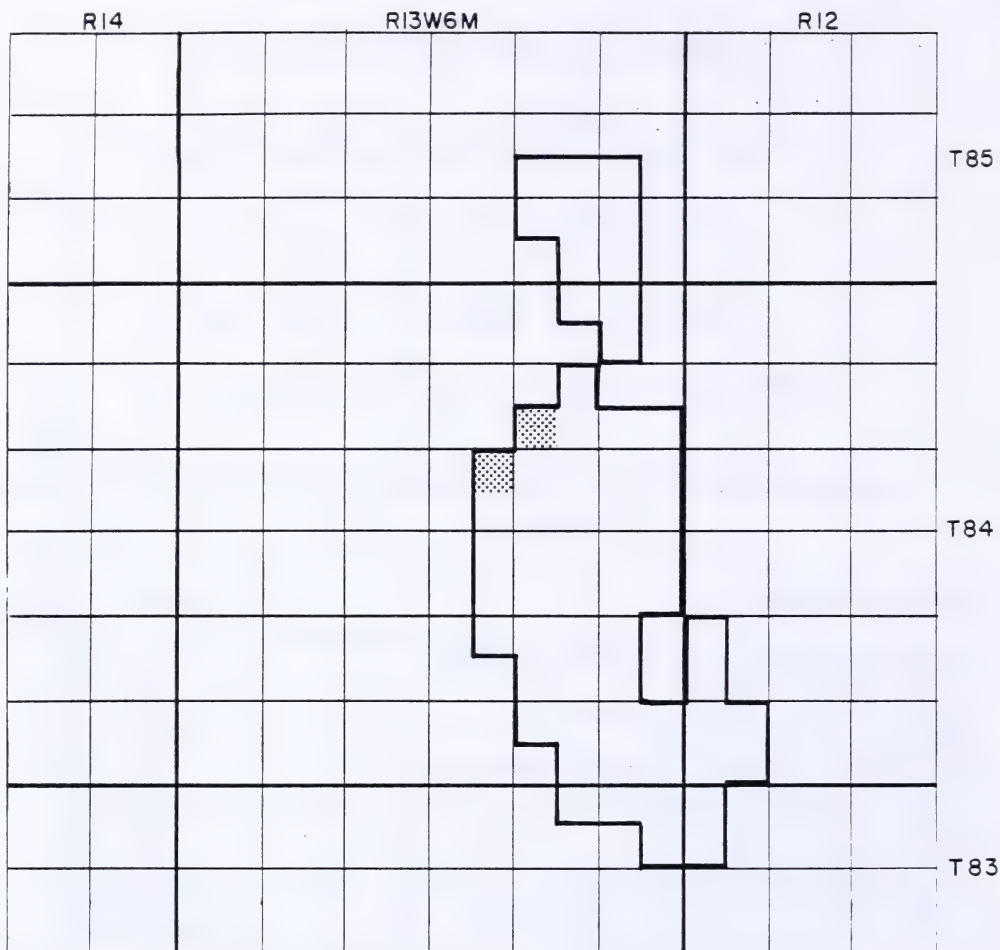
*Unitized Zone - Triassic Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Limited	40.9431500
Denison Mines Limited	8.9587950
Esso Resources Canada Limited	40.9431500
Musketeer Energy Limited	3.4520850
Northern Development Company Limited (N.P.L.)	1.3544197
Pembina Resources Limited	1.4257050
Sceptre Resources Limited	1.0692787
Swade Resources Ltd.	0.0712853
TriCentrol Oils Limited	0.3564263
Wintershall Oil of Canada Limited	1.4257050
	<u>100.0000000</u>

*For a complete definition of the unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



BOUNDARY LAKE SOUTH TRIASSIC 'E' POOL UNIT

INITIAL EFFECTIVE DATE ——— 1 APRIL, 1972

UNIT OPERATOR ——— ESSO RESOURCES CANADA LIMITED

AREA OF CHANGE FROM PREVIOUS ORDER 

EFFECTIVE DATE — NOVEMBER 1, 1979

BOUNDARY LAKE SOUTH TRIASSIC H UNIT

Unit Operator - Golden Eagle Oil & Gas Limited

Initial Effective Date - 1 January 1981

Participation Revised - 1 April 1984

*Unitized Zone - Boundary Lake Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
120243 Canada Inc.	16.07020
Golden Eagle Oil & Gas Limited	32.85003
Inverness Resources Ltd.	18.46739
Page Petroleum Limited	32.61238
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

BRAZEAU RIVER GAS UNIT NO. 1

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 November 1973

Participation Revised - 1 August 1986

*Unitized Zone - Turner Valley and Shunda Formations

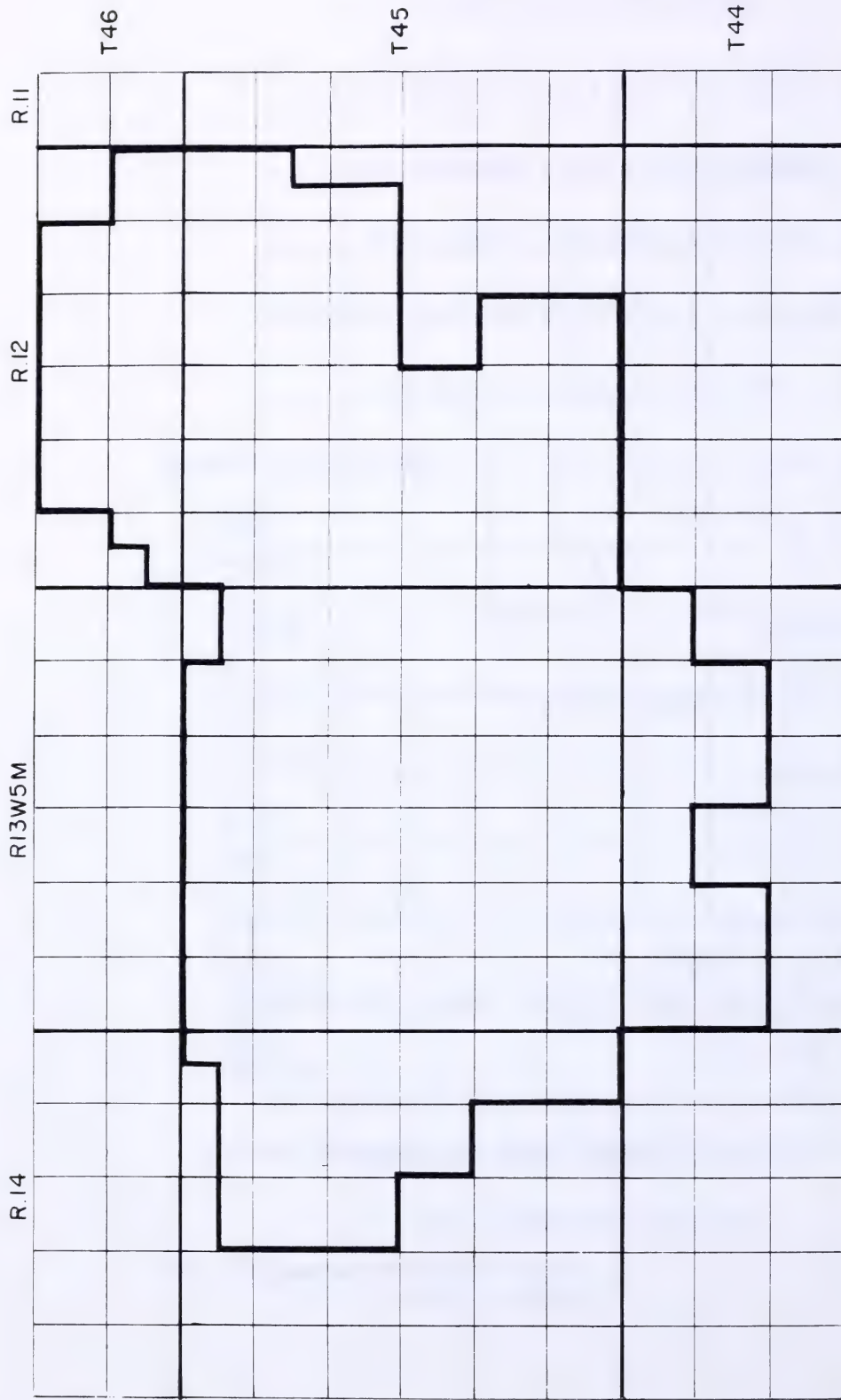
*Unitized Substance - Natural Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Can-Tex Producing Company Ltd.	.92000
Cangild Resources Ltd.	.09200
Canterra Energy Ltd.	1.54081
Corexcal Inc.	.45386
Esso Resources Canada Limited	21.52754
Gulf Canada Corporation	20.26606
Harvard International Resources Ltd.	1.54082
Home Oil Company Limited	2.05442
Hudson's Bay Oil and Gas Company Limited	3.98616
Mizel Oils Ltd.	.27600
Mobil Oil Canada, Ltd.	21.52754
New York Oils Limited	.55200
Pembina Resources Limited	.92000
Petrorep (Canada) Ltd.	.45386
Placer CEGO Petroleum Ltd.	.92000
Seagull Resources Ltd.	.27600
Shell Canada Limited	15.27502
Southland Royalty Company	.92000
Spruce Hills Production Company, Inc.	.68080
Total Petroleum (Canada) Ltd.	3.08163
Universal Explorations (83) Ltd.	.27232
Western Decalta Petroleum (1977) Limited	1.54316
Yellowknife Bear Mines Ltd.	.92000
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



BRAZEAU RIVER GAS UNIT NO. 1

INITIAL EFFECTIVE DATE — NOVEMBER 1, 1973

UNIT OPERATOR — ESSO RESOURCES CANADA LIMITED

BRAZEAU RIVER NISKU "F" POOL UNIT

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 September 1985

Participation Revised - 1 September 1985

*Unitized Zone - Nisku "F"

*Unitized Substance - Natural Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	20.00
Hudson's Bay Oil and Gas Company Limited	40.00
Petro-Canada Inc.	20.00
Texaco Canada Resources Ltd.	20.00
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.13 W.5M.

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	13
7	8	9	10	11	12
6	5	4	3	2	1

T.48

BRAZEAU RIVER NISKU 'F' POOL UNIT



INITIAL EFFECTIVE DATE- 1 SEPTEMBER 1985

UNIT OPERATOR- PETRO - CANADA INC.

BROWNFIELD GAS UNIT

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 November 1969

Participation Revised - 1 September 1984

*Unitized Zone - Viking, Glauconitic and Wainwright

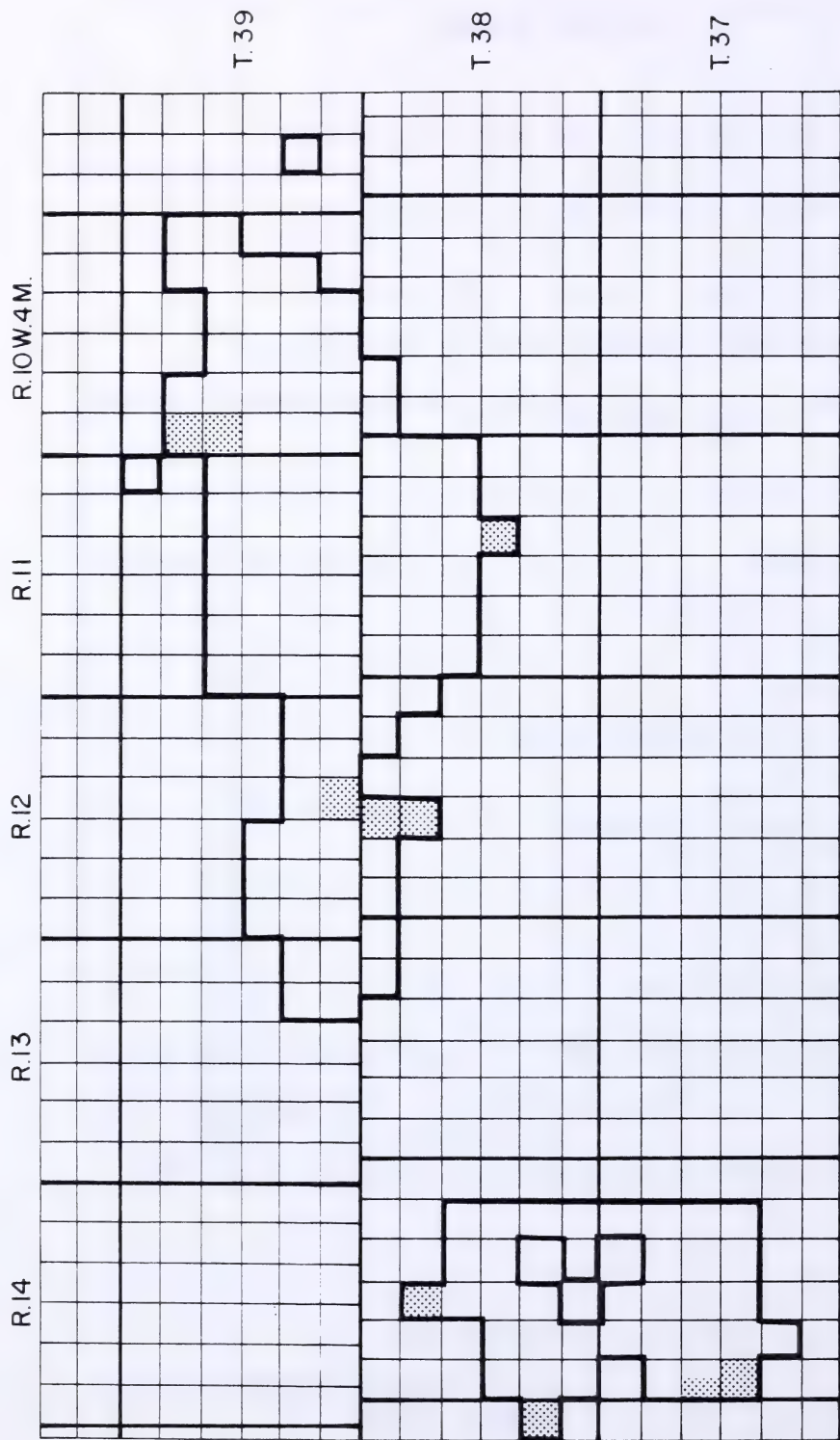
*Unitized Substance - Natural gas, sulphur, all fluid hydrocarbons other than crude oil

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Anadarko Petroleum of Canada Ltd.	0.11930
Carlyle Energy Ltd.	0.13519
Corexcal Inc.	0.23781
Dome Petroleum Limited	34.17286
Flint Engineering and Construction, Ltd.	0.41757
Hudson's Bay Oil and Gas Company Limited	5.05864
KarJan Petroleums Ltd.	0.12662
Maligne Resources Limited	1.24003
Pacific Lighting Exploration Company	0.47563
PanCanadian Petroleum Limited	0.39927
Penn West Petroleum Ltd.	0.01176
Petrorep (Canada) Ltd.	0.23781
Provo Gas Producers Limited	53.26481
Tiber Resources Ltd.	0.05965
Universal Explorations (83) Ltd.	0.07135
Wabiskaw Explorations Ltd.	2.38343
Western Decalta Petroleum (1977) Limited	0.40428
Westgrowth Petroleums Ltd.	0.18993
120243 Canada Inc.	0.99406
	<u>100.00000</u>

* For a complete definition of unitized zone and substance see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

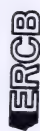


BROWNFIELD GAS UNIT

INITIAL EFFECTIVE DATE - 1 NOVEMBER 1969

UNIT OPERATOR- DOME PETROLEUM LIMITED

AREA OF CHANGE EFFECTIVE - 1 APRIL 1981



BRUCE GAS UNIT

Unit Operator - Norcen Energy Resources Limited

Initial Effective Date - 9 November 1973

Participation Revised - 1 August 1984

*Unitized Zone - Viking Zone A and Zone B

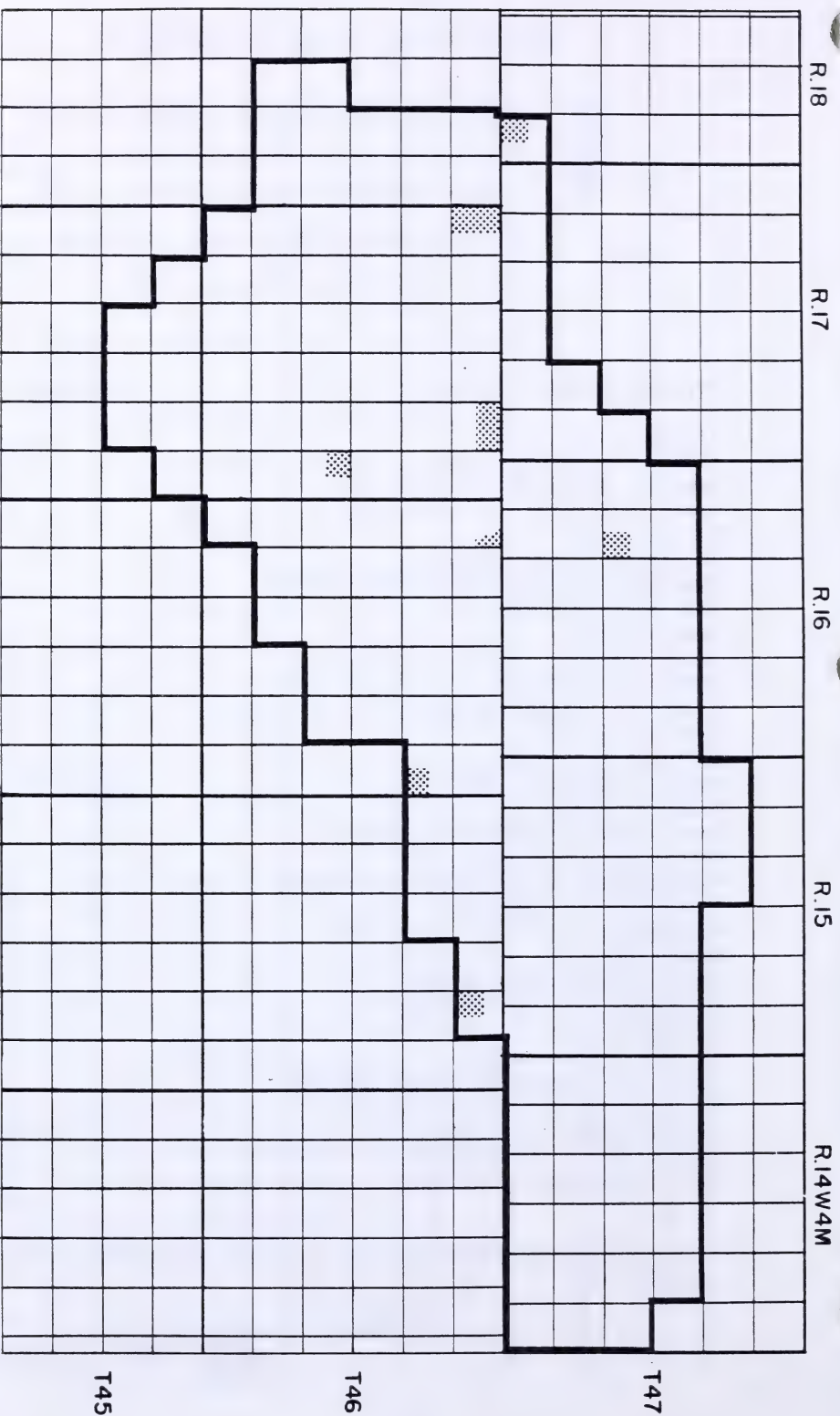
*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
APL Oil & Gas Ltd.	0.03347
Bedford Petroleums Ltd.	0.59757
Canadian Hidrogas Resources Ltd.	0.84813
Canadian Reserve Oil & Gas Ltd.	0.14872
G. K. Collins	6.54626
Col-Syb Holdings Limited	0.53761
Consumers Co-operative Refineries Ltd.	0.80366
Dome Petroleum Ltd.	1.11399
Ignacy Feuer	0.31818
Joseph Feuer	0.31818
Michel T. Halbouty	0.07436
Husky Oil Operations Ltd.	3.85309
Elaine S. Irell	0.15909
Lawrence E. Irell	0.15909
Lacana Petroleum Limited	0.82080
James H. Marshall	2.04558
Norcen Energy Resources Limited	47.04663
Norcen International Ltd.	9.16390
Petro-Search Exploration Corporation	0.18960
Provo Gas Producers Ltd.	0.07392
Ranchmen's Resources (1976) Ltd.	3.80755
Ranger Oil Ltd.	0.15840
Sceptre Resources Limited	1.16399
Scurry-Rainbow Oil Limited	0.27125
C. B. Stateler	0.01743
Unicorp Resources Ltd.	0.29004
Union Oil Company of Canada Limited	0.05610
United Canso Oil & Gas Ltd.	0.17777
Vanguard Petroleums Ltd.	0.32471
Wainoco Oil & Gas Limited	16.98907
Westmin Resources Limited	1.89186
	<u>100.00000</u>

* For a complete definition of unitized zone and substance see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



BRUCE GAS UNIT

UNIT OPERATOR - NORCEN ENERGY RESOURCES LIMITED

INITIAL EFFECTIVE DATE - NOVEMBER 9, 1973

BUCK CREEK CARDIUM UNIT NO. 1

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 December 1966

Participation Revised - 1 May 1986

*Unitized Zone - Cardium Formation

*Unitized Substance - Crude oil, natural gas and other hydrocarbons
(except coal)

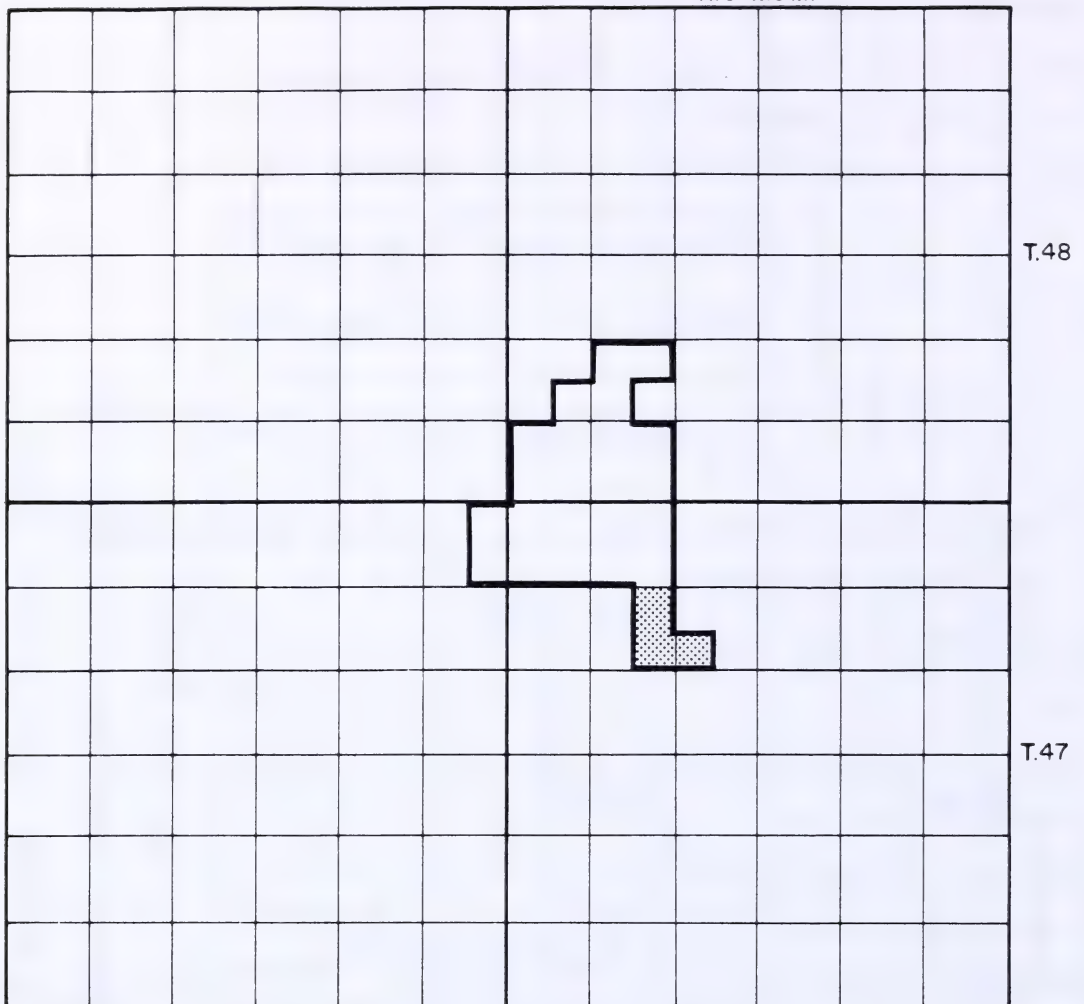
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Resources Canada Limited	11.4749
Hudson's Bay Oil and Gas Company Limited	9.5624
ICG Resources Ltd.	36.4074
Texaco Canada Resources	42.5553
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6 W.5 M.



ERC

UNIT OPERATOR- TEXACO CANADA RESOURCES



BUFFALO LAKE (D-3) UNIT

Unit Operator - Hunt Oil Company

Initial Effective Date - 1 December 1967

Participation Revised - 3 April 1984

*Unitized Zone - Leduc D-3 Formation

*Unitized Substance - Petroelum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Gulf Oil Canada Limited	24.99998
Hudson's Bay Oil and Gas Company Limited	9.16669
Hunt Oil Company	57.50001
Inter-Rock Oil Company of Canada Ltd.	2.08333
Norcen Energy Resources Limited	6.24999
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 21 W. 4 M.

9	10	11	12
4	3	2	1
33			36
28			25
21	22	23	24

T. 40

T. 39

BUFFALO LAKE D3 UNIT

INITIAL EFFECTIVE DATE - DECEMBER 20, 1967

UNIT OPERATOR - HUNT OIL COMPANY

CALGARY BASAL QUARTZ UNIT NO. 1

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective - 1 September 1966

Participation Revised - 21 March 1984

*Unitized Zone - Basal Quartz Formation

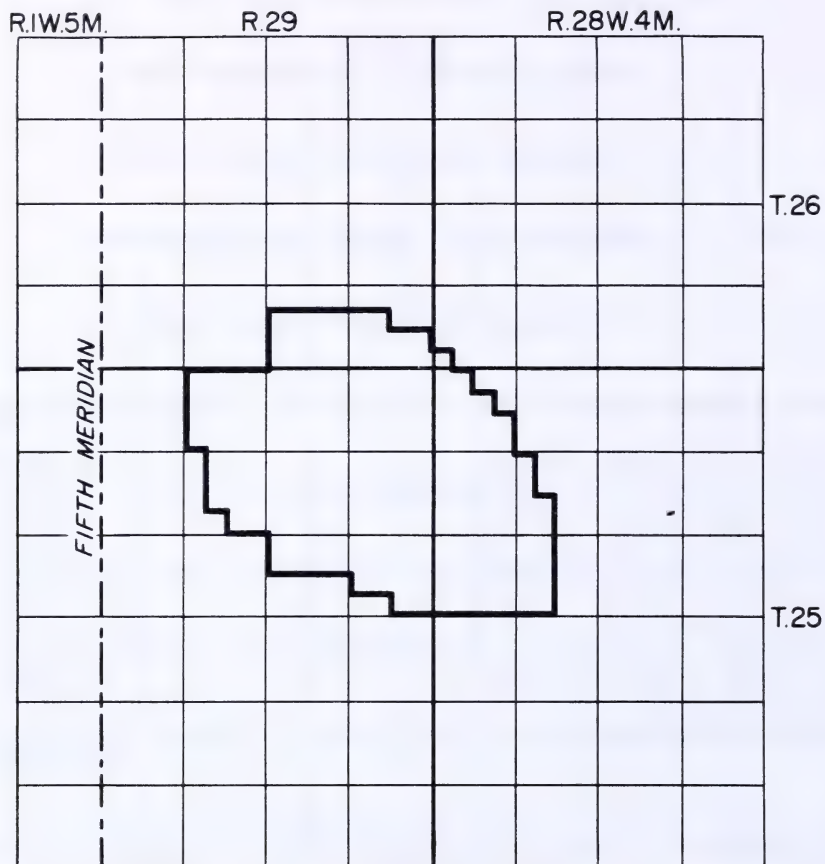
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Exploration Canada Limited	0.53073
Canadian Occidental Petroleum Ltd.	37.73176
Canada-Cities Service, Ltd.	1.11012
Canterra Energy Ltd.	3.91151
Texas Gulf (Kidd Creek Mines)	0.53073
Esso Resources Canada Limited	2.93496
Mobil Oil Canada Ltd.	37.73176
Norcen Energy Resources	0.77277
Petro-Canada Exploration Inc.	13.38983
Scurry-Rainbow Oil Ltd.	0.96945
Wilshire Oil of Canada Ltd.	0.38638
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CALGARY BASAL QUARTZ UNIT NO. 1

INITIAL EFFECTIVE DATE - SEPTEMBER 1, 1966

UNIT OPERATOR - CANADIAN OCCIDENTAL PETROLEUM LTD.

CALGARY CROSSFIELD UNIT NO. 1

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 1 December 1961

Participation Revised - 21 March 1984

*Unitized Zone - Crossfield Formation

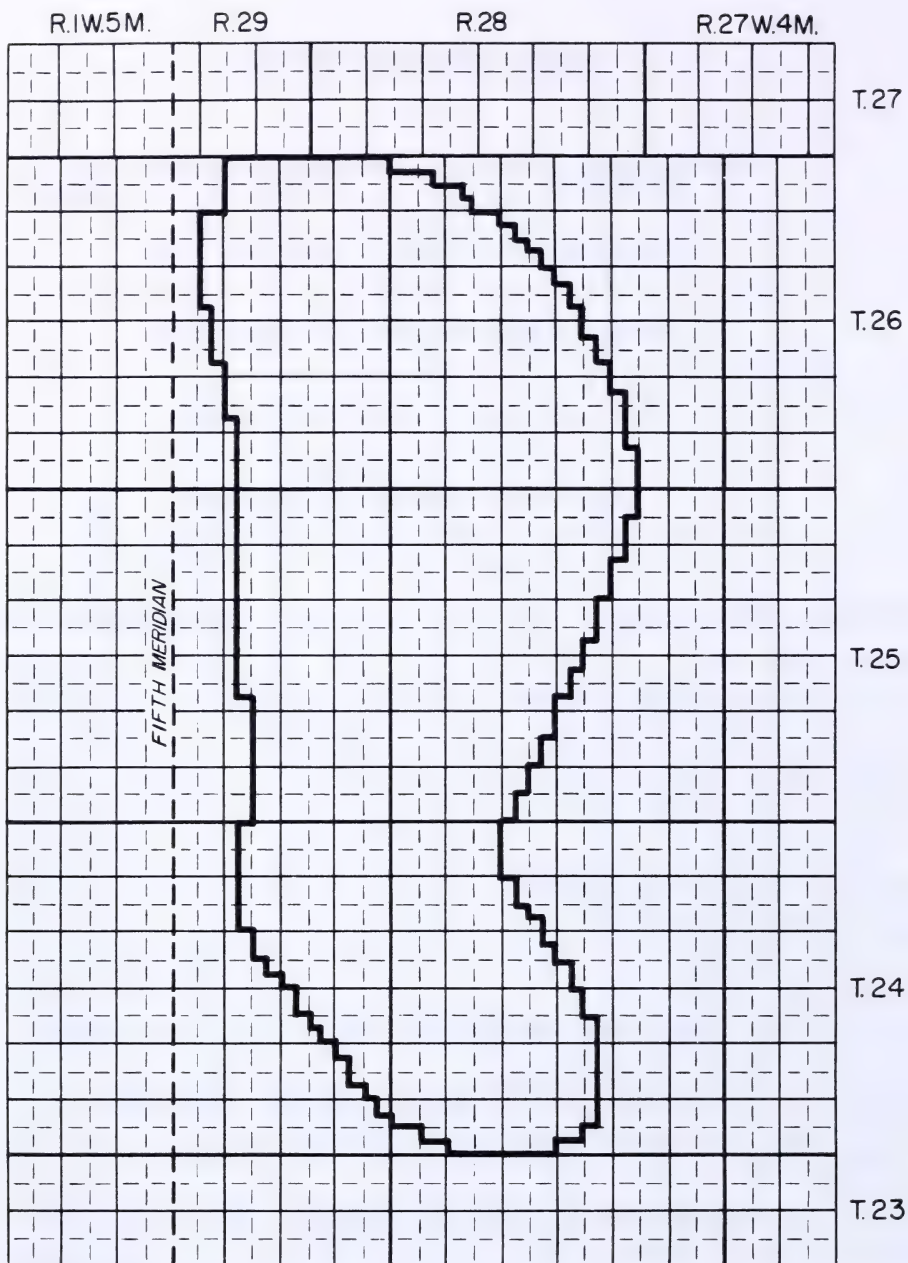
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Barlow Bros. Ltd.	0.0025568
BP Exploration Canada Limited	2.4220078
Camelot Minerals Ltd.	0.0982282
Canadian Occidental Petroleum Ltd.	35.0241981
Canada-Cities Service, Ltd.	2.7584302
Canadian Superior Oil Ltd.	2.1041409
Canterra Energy Ltd.	2.4239806
(Texas Gulf)	2.0283837
Esso Resources Canada Limited	1.6332109
Gulf Canada Resources Inc.	1.2767785
Home Oil Company Ltd.	0.5976090
(Scurry-Rainbow)	2.1884833
Janval Oil Company	0.4648878
Lincoln-McKay Development Co. Ltd.	0.0018857
Mobil Oil Canada Ltd.	35.0241981
Norcen Energy Resources Limited	3.5851937
Norpet Oil and Gas Ltd.	0.1886417
Petro-Canada Exploration Inc.	5.2407085
(Petrofina)	1.2490133
Sulpetro	0.3836986
Texaco Canada Resources Ltd.	0.2194921
Wilshire Oil of Canada, Ltd.	1.0842725
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CALGARY CROSSFIELD UNIT NO. 1

INITIAL EFFECTIVE DATE - DECEMBER 1, 1961

UNIT OPERATOR — CANADIAN OCCIDENTAL PETROLEUM LTD.

CALGARY ELKTON UNIT NO. 1

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 1 December 1961

Participation Revised - 1 February 1986

*Unitized Zone - Elkton Formation

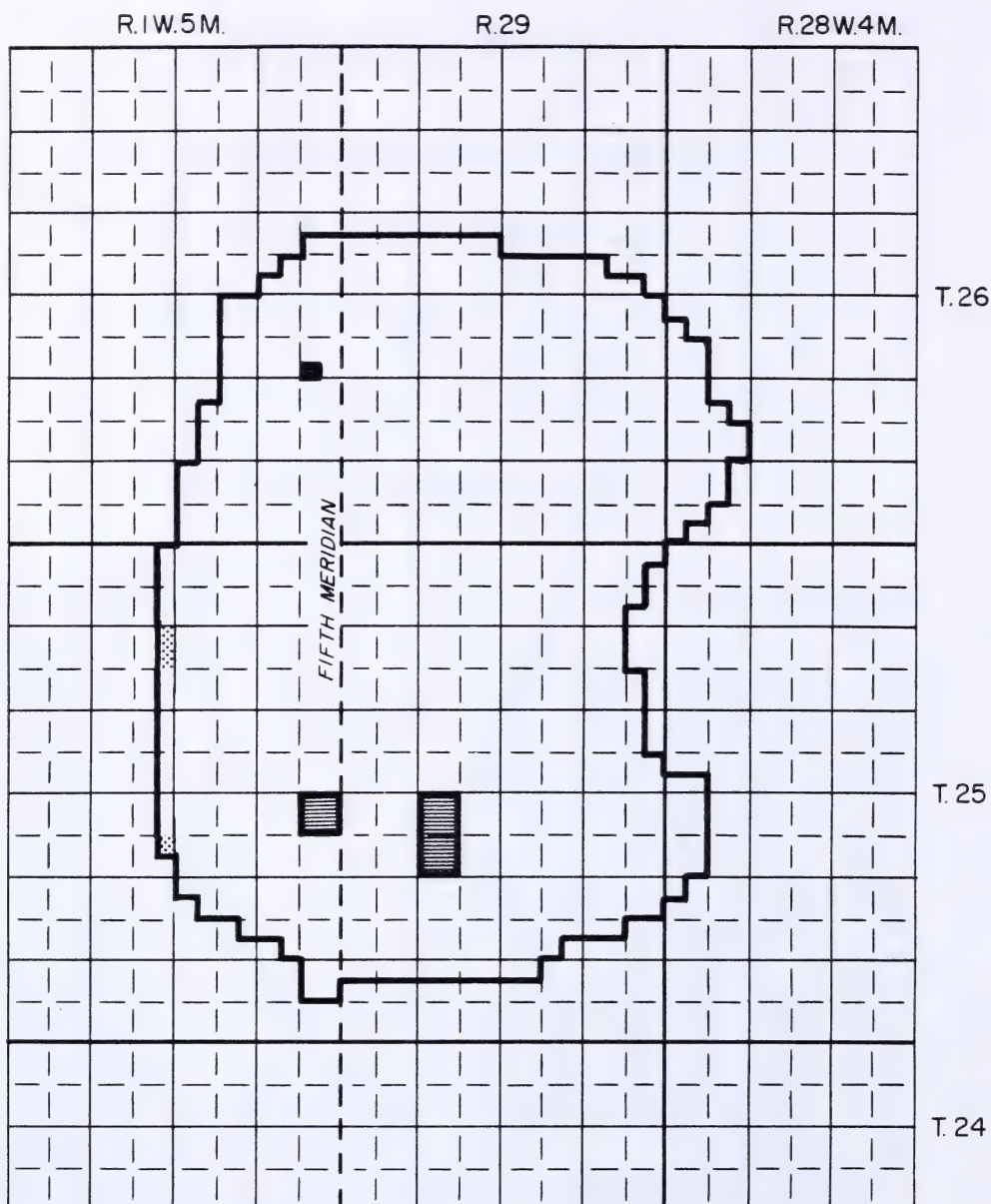
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Barlow Bros. Ltd.	0.4662358
B.P. Resources Canada Limited	2.4270513
Calgary Western Investment Company Ltd.	0.0367252
The City of Calgary	0.0267744
Camelot Minerals Ltd.	0.2067656
Canadian Occidental Petroleum Ltd.	24.3665510
Canadian Superior Oil Ltd.	1.8461240
Canterra Energy Ltd.	5.2845461
333916 Alberta Ltd.	0.2359119
Esso Resources Canada Limited	0.7939546
Gulf Canada Resources Inc.	2.5281610
Home Oil Company Limited	5.1020386
Husky Oil Operations Ltd.	0.0150208
Lincoln-McKay Development Company Ltd.	0.3438484
Mobil Oil Canada, Ltd.	23.2307416
Norcen Energy Resources Limited	5.3001602
Norpet Oil and Gas Ltd.	0.0416611
PanCanadian Petroleum Limited	0.0503373
Petro-Canada Inc.	19.4028448
Plains Petroleums Limited	0.1989879
Scurry-Rainbow Oil Limited	0.4826768
Shell Canada Limited	0.7097412
Texaco Canada Resources Limited	0.9795245
Texasgulf Inc.	2.3948042
Union Oil Company of Canada Limited	1.4522454
Wilshire Oil of Canada, Ltd.	2.0765663
	<u>100.0000000</u>

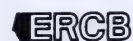
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CALGARY ELKTON UNIT NO.1



INITIAL EFFECTIVE DATE- 1 DECEMBER 1961

UNIT OPERATOR- CANADIAN OCCIDENTAL PETROLEUM LTD

SEE UNIT AGREEMENT FOR DETAILS 

AREA OF CHANGE EFFECTIVE - 1 JULY 1963

CALMETTE VIKING GAS UNIT

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 June 1975

*Unitized Zone - Viking Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

Esso Resources Canada Limited

100.00

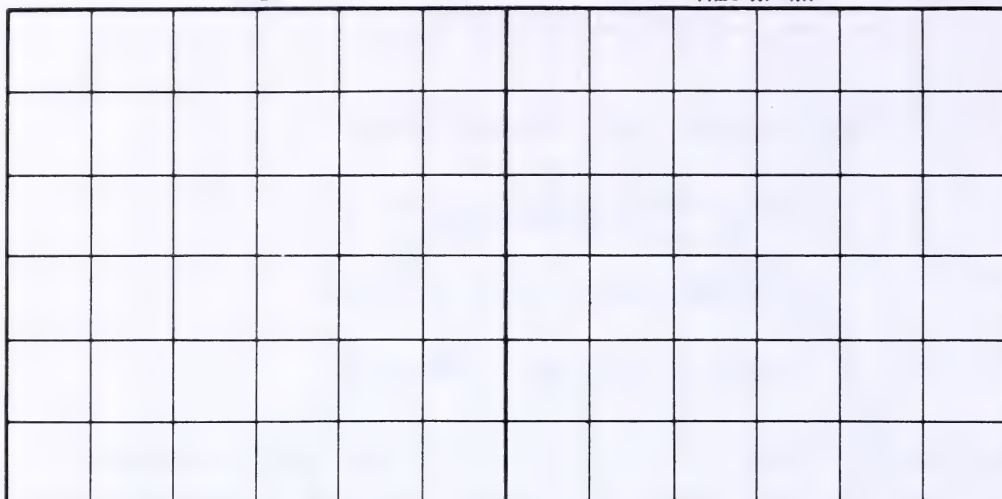
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

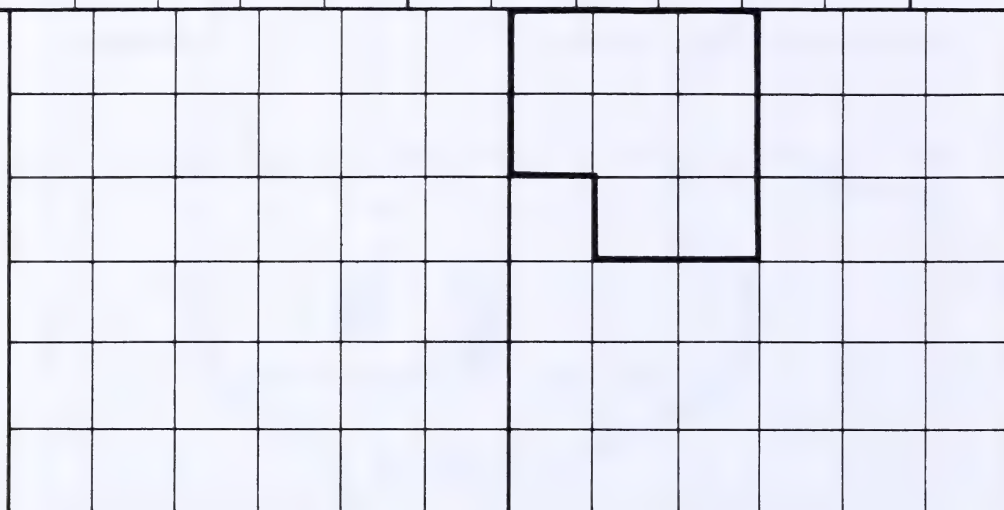
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 26

R.25 W.4 M.



T.59



T.58

CALMETTE VIKING GAS UNIT

INITIAL EFFECTIVE DATE - 1 JUNE 1975

UNIT OPERATOR- ESSO RESOURCES CANADA LIMITED

 ERCB

CAMPBELL UNIT

Unit Operator - Norcen Energy Resources Limited

Initial Effective Date - 1 August 1959

Participation Revised - 1 December 1983

*Unitized Zone - Basal Quartz Sandstone Member

*United Substance - Crude petroleum oil, natural gas, condensate

Working Interest Owners

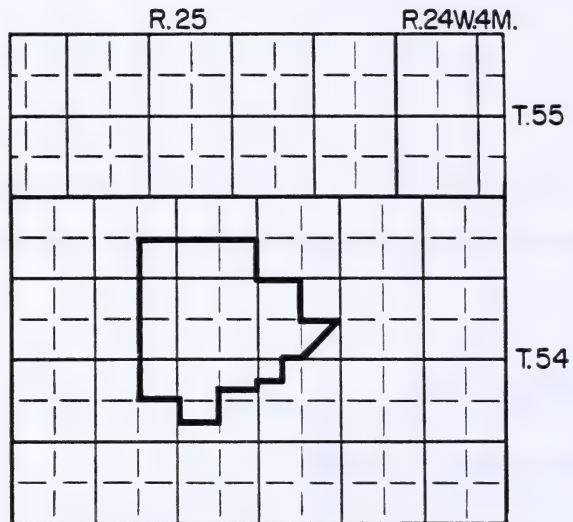
Per Cent Participation

Norcen Energy Resources Limited

100.00

* For a complete definition of unitized zone and substance see Unit Documents

(For Area - See Reverse Side)



CAMPBELL UNIT

INITIAL EFFECTIVE DATE - AUGUST 1, 1959

UNIT OPERATOR - NORCEN ENERY RESOURCES LIMITED

CARBON GLAUCONITIC GAS UNIT

Unit Operator - Canadian Western Natural Gas Company Limited

Initial Effective Date - 1 July 1967

*Unitized Zone - Glauconitic Sandstone

*Unitized Substance - Natural gas and other liquid hydrocarbons (except coal and petroleum)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Western Natural Gas Company Limited	100.00

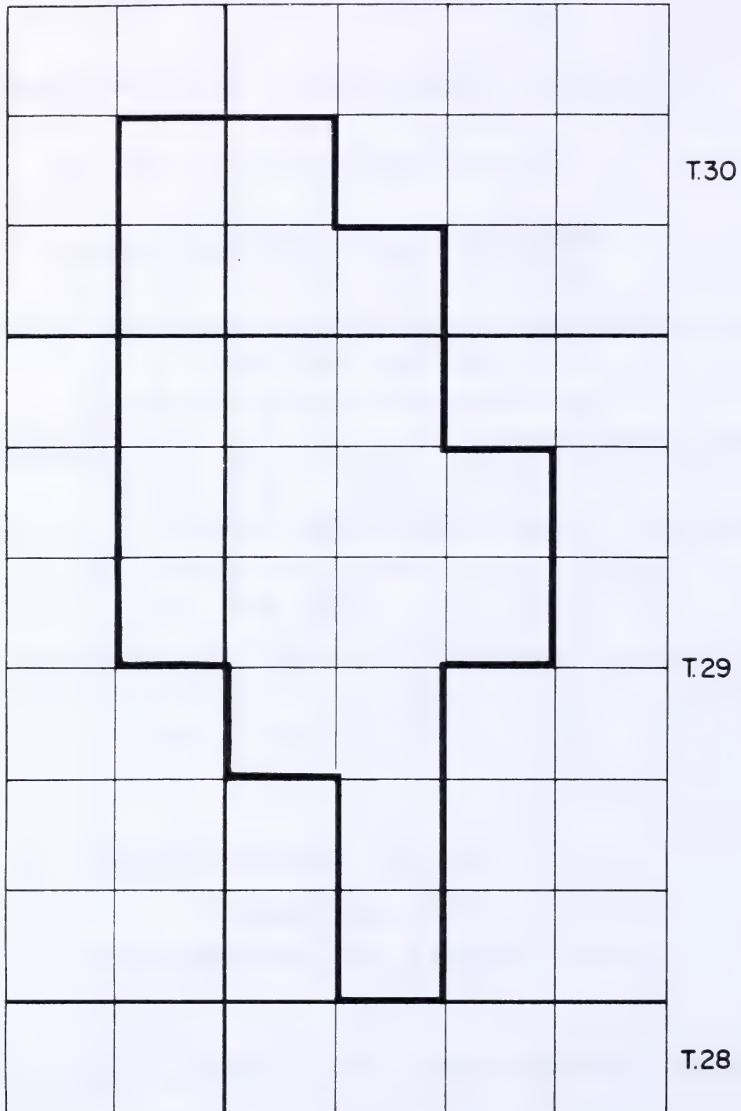
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.22W.4M.

R.22W.4M.



T.29

T.28

CARBON GLAUCONITIC GAS UNIT

INITIAL EFFECTIVE DATE - JULY 1, 1967

UNIT OPERATOR - CANADIAN WESTERN NATURAL GAS COMPANY LIMITED

CARNWOOD CARDIUM UNIT

Unit Operator - BP Resources Canada Limited

Initial Effective Date - 1 September 1967

Participation Revised - 27 April 1984

*Unitized Zone - Cardium Formation

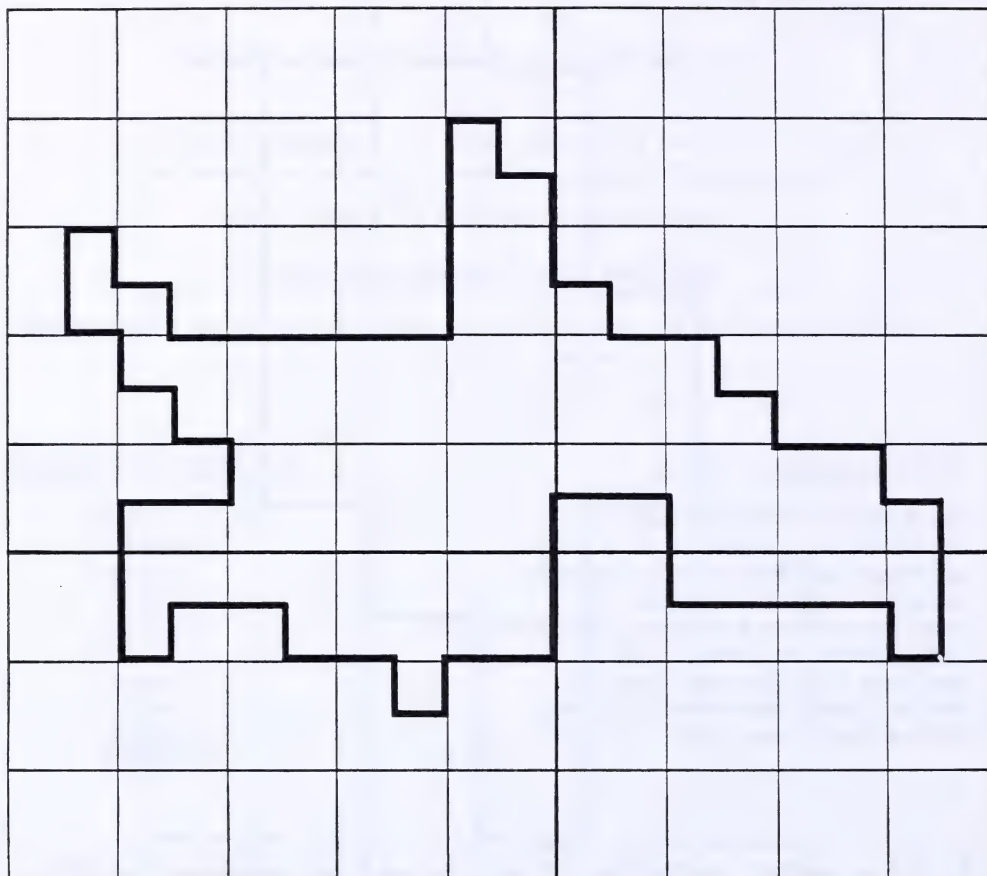
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bow Valley Industries Ltd.	6.33614
BP Resources Canada Limited	25.62945
Canadian Occidental Petroleum Ltd.	3.86523
Canadian Superior Oil Ltd.	27.90285
Continental Ore & Mining Corporation Ltd.	0.90382
Esso Resources Canada Limited	18.01957
New York Oils Limited (N.P.L.)	1.03607
Norcen Energy Resources Limited	14.60816
Paloma Petroleum Ltd.	1.69871
	<u>100.00000</u>

* For a complete definition of unitized zone and substance see Unit Documents

(For Area - See Reverse Side)

R.5W.5M.



INITIAL EFFECTIVE DATE - SEPTEMBER 1, 1967

UNIT OPERATOR - BP RESOURCES CANADA LIMITED

CAROLINE VIKING GAS UNIT NO. 1

Unit Operator - Altana Exploration Company

Initial Effective Date - 1 August 1968

Participation Revised - 20 March 1984

*Unitized Zone - Viking Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

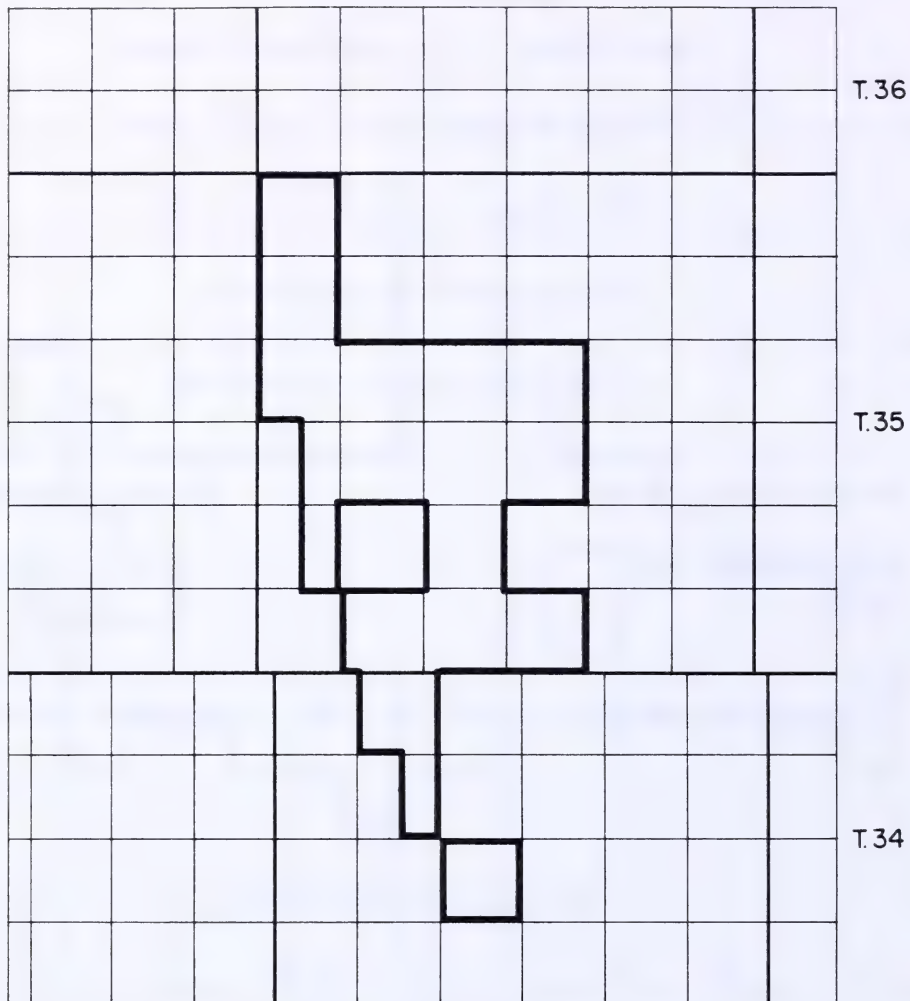
Altana Exploration Company
Champlin Canada Ltd.
Husky Oil Ltd.

51.1312
24.4344
24.4344
100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R.4



INITIAL EFFECTIVE DATE - AUGUST 1, 1968

UNIT OPERATOR - ALTANA EXPLORATION COMPANY

CAROLINE CARDIUM "B" SAND UNIT NO. 1

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 February 1983

Participation Revised - 1 June 1986

*Unitized Zone - Cardium "B" Sand Formation

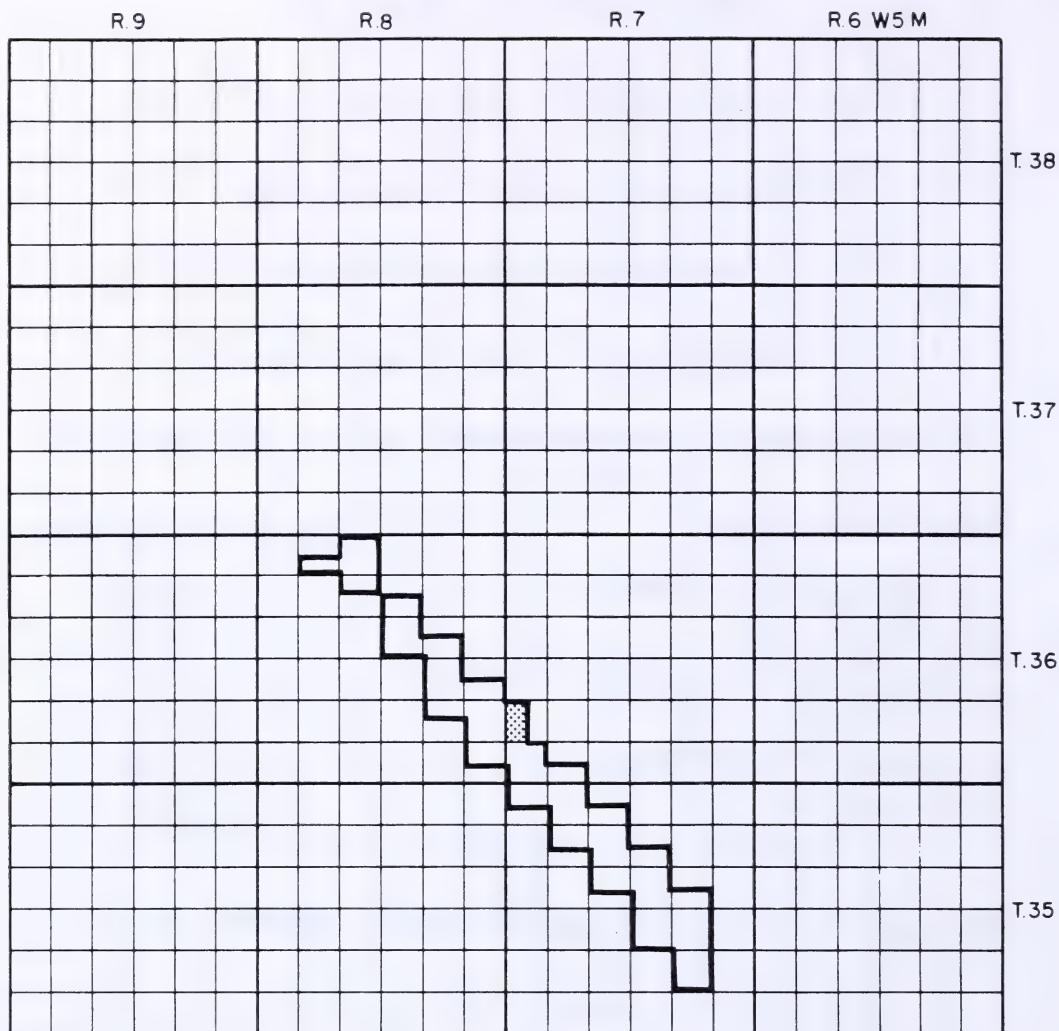
*Unitized Substances - Petroleum, natural gas, and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	1.107106
Dynex Petroleum Ltd.	0.510674
Gulf Canada Corporation	0.241259
Hudson's Bay Oil and Gas Company Limited	7.568232
Lac Minerals Ltd.	0.763953
Petro-Canada Inc.	83.079488
Precision Drilling Limited	1.527907
Wm. Taylor	0.100000
120243 Canada Inc.	5.101381
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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CAROLINE CARDIUM B SAND UNIT NO.1



INITIAL EFFECTIVE DATE - 1 FEBRUARY 1983

UNIT OPERATOR - PETRO-CANADA INC.

AREA OF CHANGE EFFECTIVE - 1 FEBRUARY 1983 

CAROLINE CARDIUM "B" SAND UNIT NO. 1

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 February 1983

Participation Revised - 1 October 1985

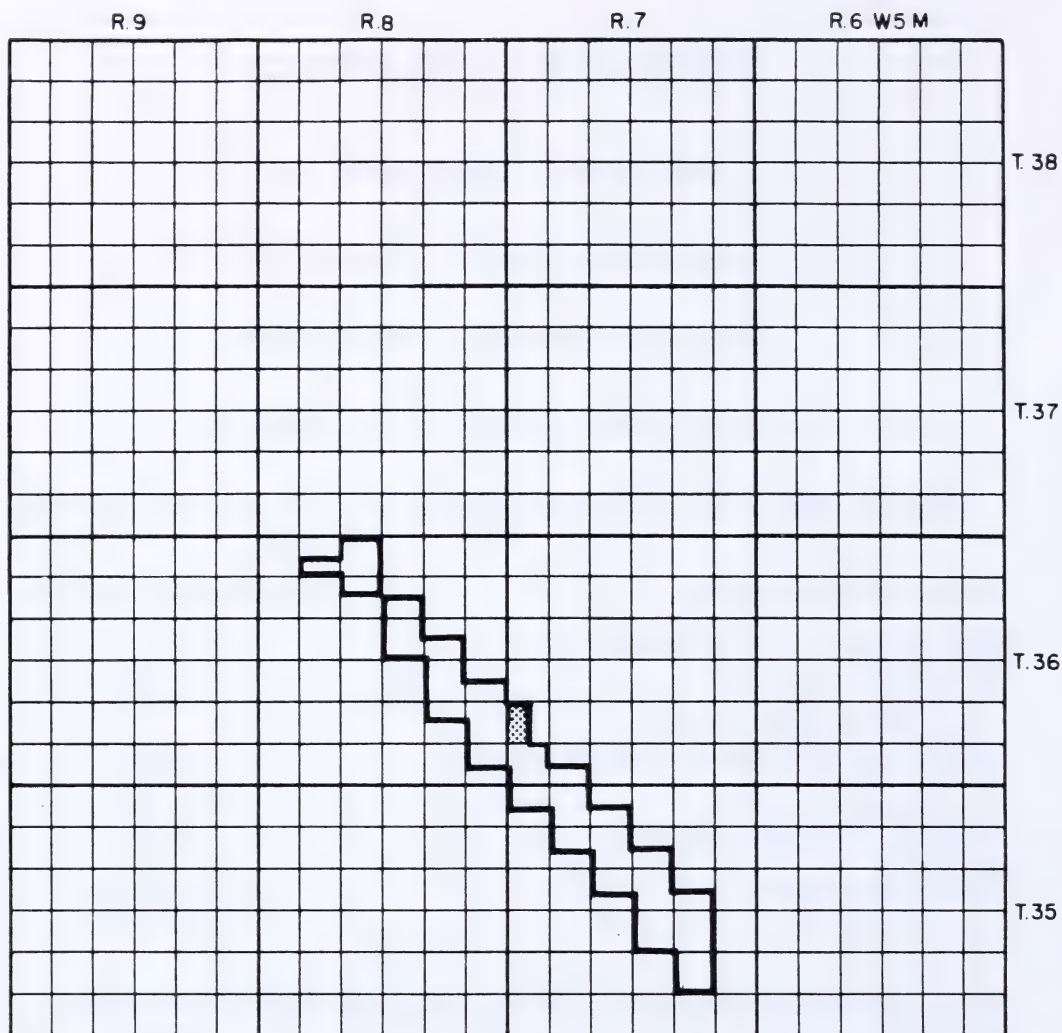
*Unitized Zone - Cardium "B" Sand Formation

*Unitized Substances - Petroleum, natural gas, and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	1.107106
Dynex Petroleum Ltd.	0.510674
Gulf Canada Resources, by its Managing Partner Gulf Canada Limited	0.241259
Hudson's Bay Oil and Gas Company Limited	7.568232
Lac Minerals Ltd.	0.763953
Petro-Canada Inc.	83.079488
Precision Drilling Limited	1.527907
Wm. Taylor	0.100000
120243 Canada Inc.	5.101381
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



CAROLINE CARDIUM B SAND UNIT NO.1

INITIAL EFFECTIVE DATE - 1 FEBRUARY 1983

UNIT OPERATOR - PETRO-CANADA INC.

AREA OF CHANGE EFFECTIVE - 1 FEBRUARY 1983



CAROLINE CARDIUM "E" POOL SOUTH UNIT

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 October 1982

Participation Revised - 1 June 1986

*Unitized Zone - Cardium B Formation

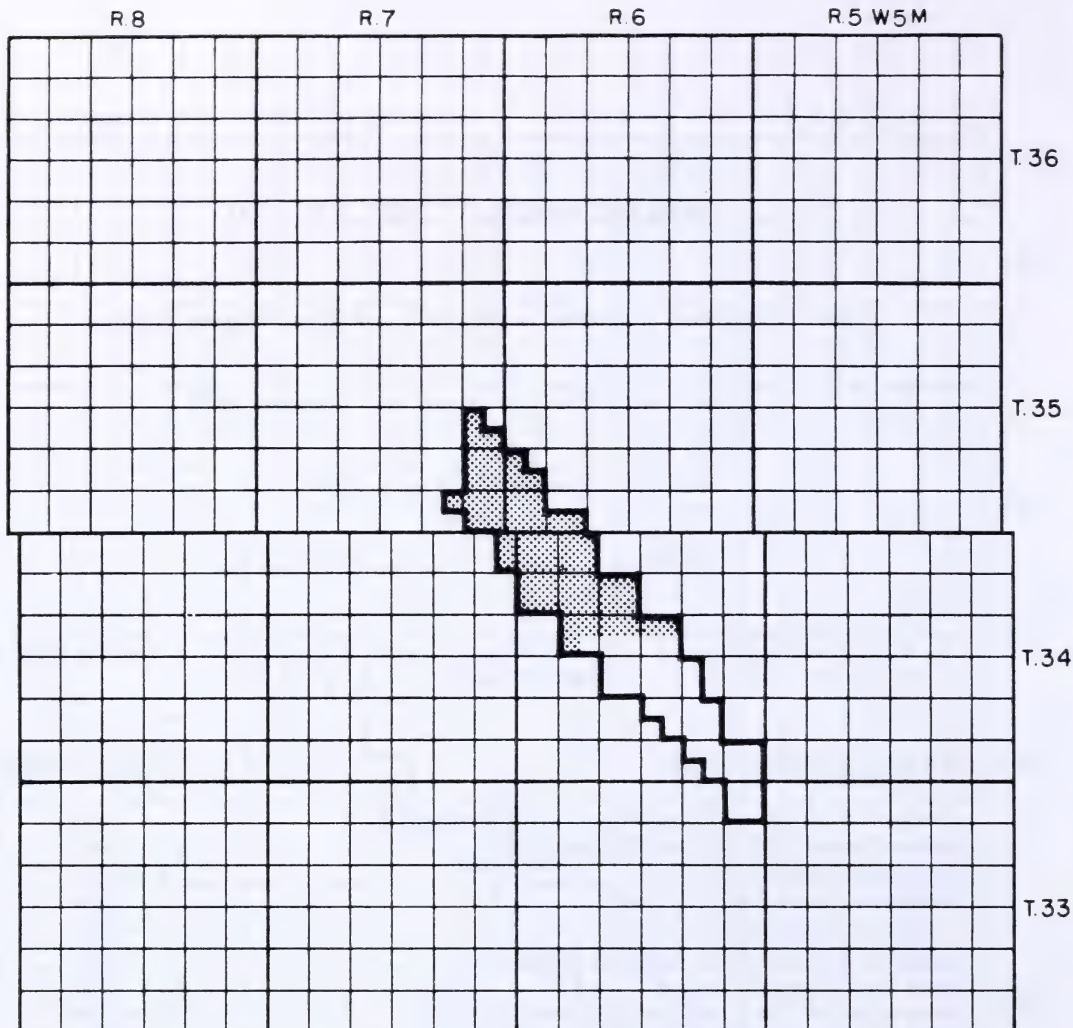
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	5.144107
Amoco Canada Petroleum Company Ltd.	27.570403
Bracknell Resources Ltd	2.968041
Canadian Superior Oil Ltd.	2.968042
Canpar Holdings Ltd.	0.402112
Conwest Exploration Company Limited	0.970491
Dome Petroleum Limited	32.154857
Hudson's Bay Oil and Gas Company Limited	21.961806
National Resources Exploration Ltd.	0.424566
Ocelot Industries Ltd.	3.509341
Total Petroleum Canada Ltd.	0.425467
Unocal Canada Limited	1.275517
Voyager Energy Company	0.225250
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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CAROLINE CARDIUM 'E' POOL SOUTH UNIT



INITIAL EFFECTIVE DATE - 1 OCTOBER 1982

UNIT OPERATOR- HUDSON'S BAY OIL & GAS COMPANY LIMITED

AREA OF CHANGE EFFECTIVE - 1 NOVEMBER 1985



CARROT CREEK CARDIUM "Q" POOL UNIT NO. 1

Unit Operator - Consolidated Norex Resources Corp.

Initial Effective Date - 1 May 1985

Participation Revised - 1 February 1986

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	8.0000000
Canadian Arctic Petroleums Ltd.	0.7218230
Cattalo Resources Ltd.	1.3040200
Cobblestone Resources Ltd.	1.7386920
Consolidated Norex Resources Corp.	32.2000000
Intensity Resources Ltd.	6.9000010
Madison Oil & Gas Limited	13.2681280
Mission Resources Limited	16.7434565
Norpet Oil & Gas Ltd.	1.0764030
Prominence Resources Ltd.	1.3040200
Ricinus Resources Ltd.	16.7434565
	<u>100.0000000</u>

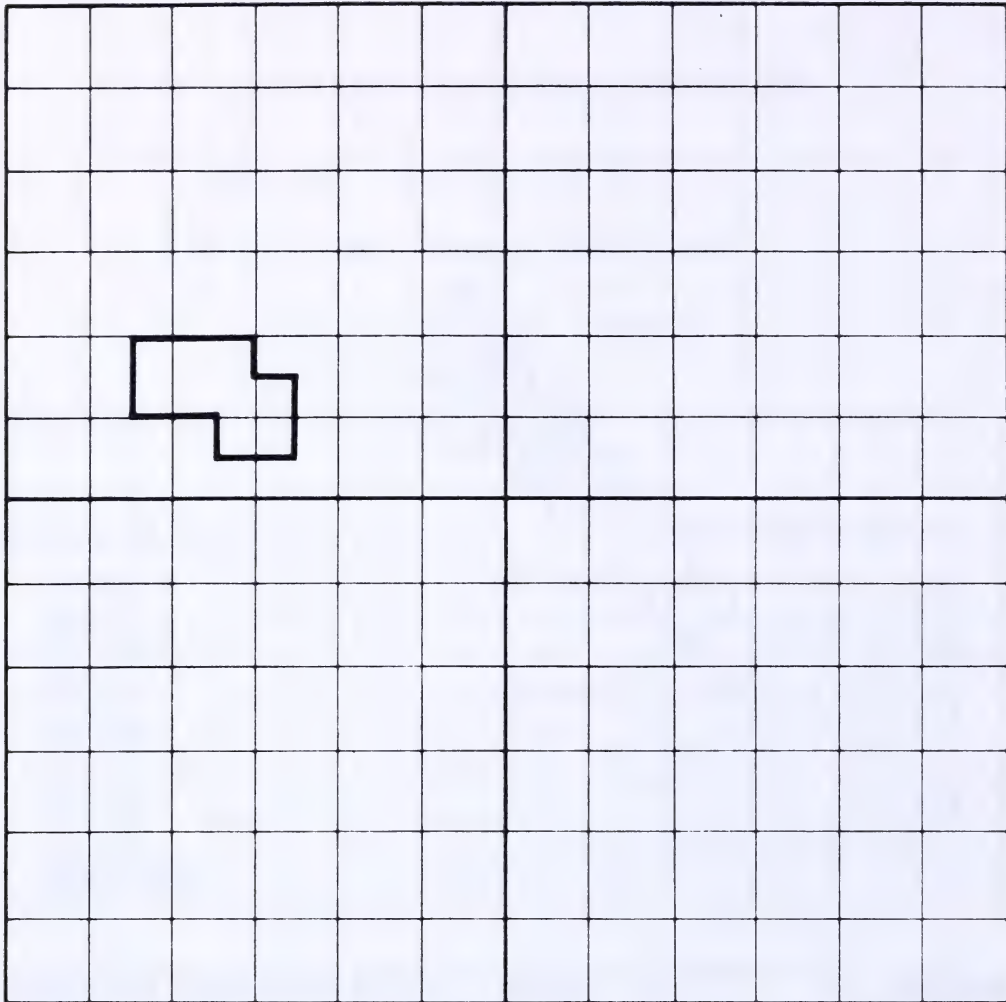
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.11

R.10W5M.



T.52

T.51

CARROT CREEK CARDIUM Q UNIT NO.1



INITIAL EFFECTIVE DATE - 1 MAY 1985

UNIT OPERATOR- CONSOLIDATED NOREX RESOURCES CORP.

CARSON CREEK BEAVERHILL LAKE UNIT NO. 1

Unit Operator - Mobil Oil Canada, Ltd.

Initial Effective Date - 27 December 1962

Participation Revised - 1 June 1984

*Unitized Zones - Beaverhill Lake Reservoir A and B

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	4.78133
Canadian Occidental Petroleum Ltd.	0.10185
Mobil Oil Canada, Ltd.	93.41684
Petro-Canada Inc.	1.69998
	<u>100.00000</u>

* For a complete definition of unitized zones and substance see Unit Documents.

(For Area - See Reverse Side)

CARSON CREEK NORTH BEAVERHILL LAKE UNIT NO. 1

Unit Operator - Mobil Oil Canada, Ltd.

Initial Effective Date - 1 January 1965

Participation Revised - 1 November 1985

*Unitized Zone - Beaverhill Lake Zone

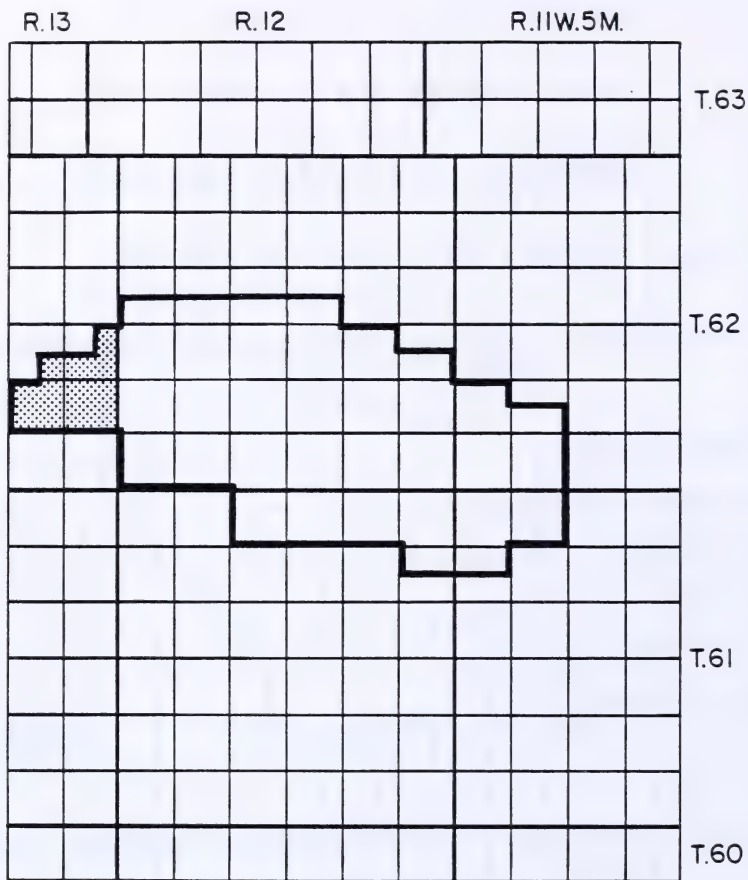
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	8.382551
Gulf Canada Resources	4.078282
Hudson's Bay Mining and Smelting Co., Limited	0.987457
Mobil Oil Canada, Ltd.	72.433048
Petro-Canada Inc.	10.504423
Phillips Petroleum Canada Ltd.	1.463439
Suncor Inc.	0.928987
Total Petroleum Canada Ltd.	0.475982
Westcoast Petroleum Ltd.	0.745831
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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CARSON CREEK NORTH BEAVERHILL LAKE UNIT NO. 1

INITIAL EFFECTIVE DATE - JANUARY 1, 1965

UNIT OPERATOR - MOBIL OIL CANADA ,LTD.

AREA OF CHANGE EFFECTIVE - SEPTEMBER 1, 1976 

CARSTAIRS ELKTON UNIT

Unit Operator - Home Oil Company Limited

Initial Effective Date - 1 February 1960

Participation Revised - 1 March 1984

*Unitized Zone - Elkton Member, Turner Valley Formation

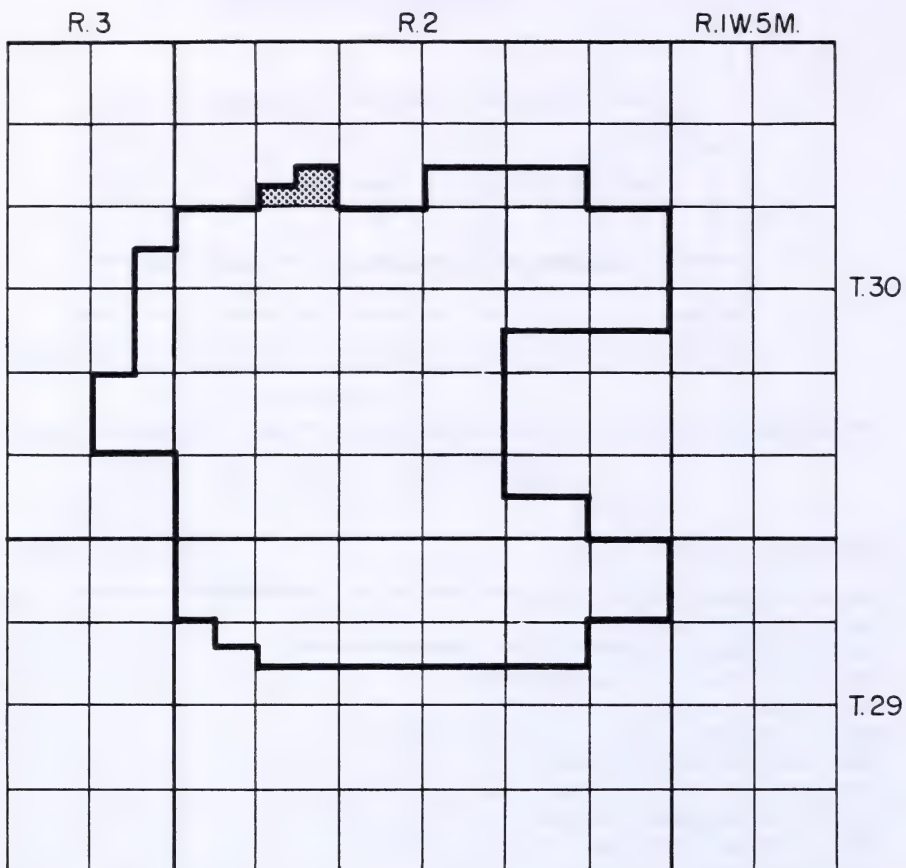
*Unitized Substance - Crude oil, natural gas, condensate and all other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	28.25650
Canberra Oil Company Ltd.	0.22413
Canterra Energy Ltd.	7.87075
Can-Tex Producing Company Ltd.	3.23186
Gulf Canada Resources Inc.	1.21669
Harvard International Resources Ltd.	7.87074
Home Oil Company Limited	34.95516
Hudson's Bay Oil and Gas Company Limited	1.28078
Murphy Oil Company Limited	3.23186
Shell Canada Resources Limited	2.02810
Southland Royalty Company	3.23186
Texaco Canada Resources Ltd.	6.60157
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)


ENERGY RESOURCES CONSERVATION BOARD
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CARSTAIRS ELKTON UNIT

INITIAL EFFECTIVE DATE - FEBRUARY 1, 1960

UNIT OPERATOR - HOME OIL COMPANY LIMITED

AREA OF CHANGE EFFECTIVE - DECEMBER 1, 1964 - 

CARSTAIRS TV UNIT NO. 2

Unit Operator - Triad Oil Co. Ltd.

Initial Effective Date ----- September 1, 1965

<u>Working Interest Owner</u>	<u>Per Cent Participation</u>
Canadian Fina Oil Limited	21.97802
Triad Oil Co. Ltd.	39.01099
Uno-Tex Petroleum Corporation	39.01099
	<u>100.00000</u>

(For Area - See Reverse Side)

R.2W.5M.

32	33	34	35
29	28	27	26
20	21	22	23
17	16	15	14
8	9	10	11

T.30

CARSTAIRS TV UNIT NO.2

UNIT OPERATOR — B.P. EXPLORATION CANADA LIMITED

SEPTEMBER 1, 1965

CESSFORD GAS UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 8 November 1958

Participation Revised - 1 July 1984

*Unitized Zone - Viking, Basal Colorado, and Basal Blairmore Sands

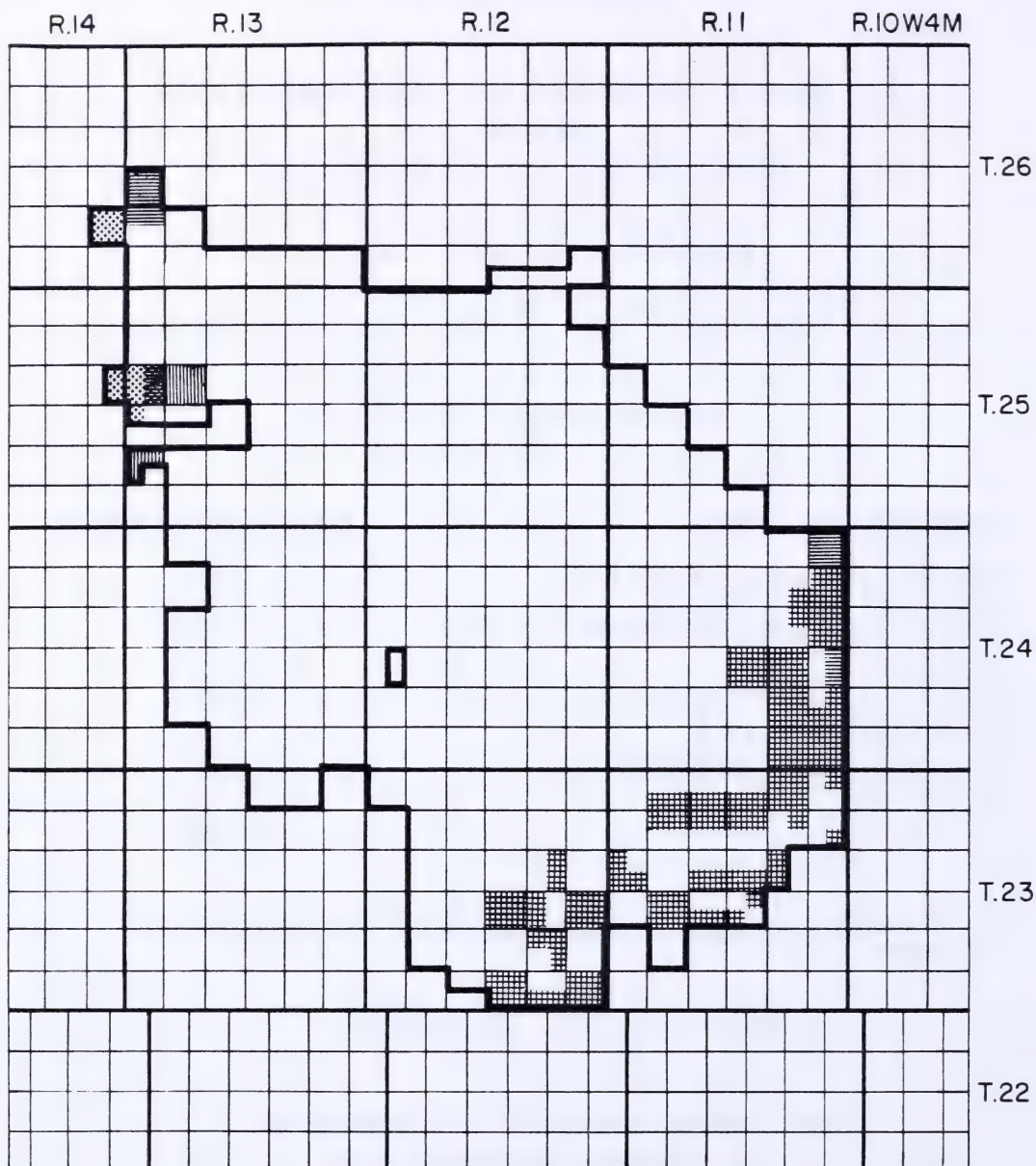
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Reserve Oil and Gas Ltd.	0.6393
Gulf Canada Resources Inc.	1.2278
Hudson's Bay Oil and Gas Company Limited	46.6593
Murphy Oil Company Ltd.	1.1796
Musketeer Energy Ltd.	0.2049
Petro-Canada Inc.	0.0522
Sceptre Resources Ltd.	1.6941
Shell Canada Resources Limited	3.1523
Sulpetro Liited	44.9938
Frank W. White	0.1967
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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CESSFORD GAS UNIT NO.1

INITIAL EFFECTIVE DATE - NOVEMBER 8, 1958

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

AREA OF CHANGE EFFECTIVE - NOVEMBER 1, 1963- 

VIKING, BSL COLO, AND BSL BL UNITIZED	
BSL COLO AND BSL BL UNITIZED	
BSL COLO UNITIZED	
BSL BL UNITIZED	

CESSFORD UNIT NO. 2

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 May 1964

Participation Revised - 1 October 1983

*Unitized Zone - Basal Colorado and Blairmore Formations

*Unitized Substance - Crude oil

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Hudson's Bay Oil and Gas Company Limited	54.1004
Sulpetro Limited	<u>45.8996</u>
	100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

CESSFORD GAS UNIT NO. 3

Unit Operator - Murphy Oil Company Ltd.

Initial Effective Date - 1 April 1969

Participation Revised - 1 April 1978

*Unitized Zone - Lower Colorado Formation

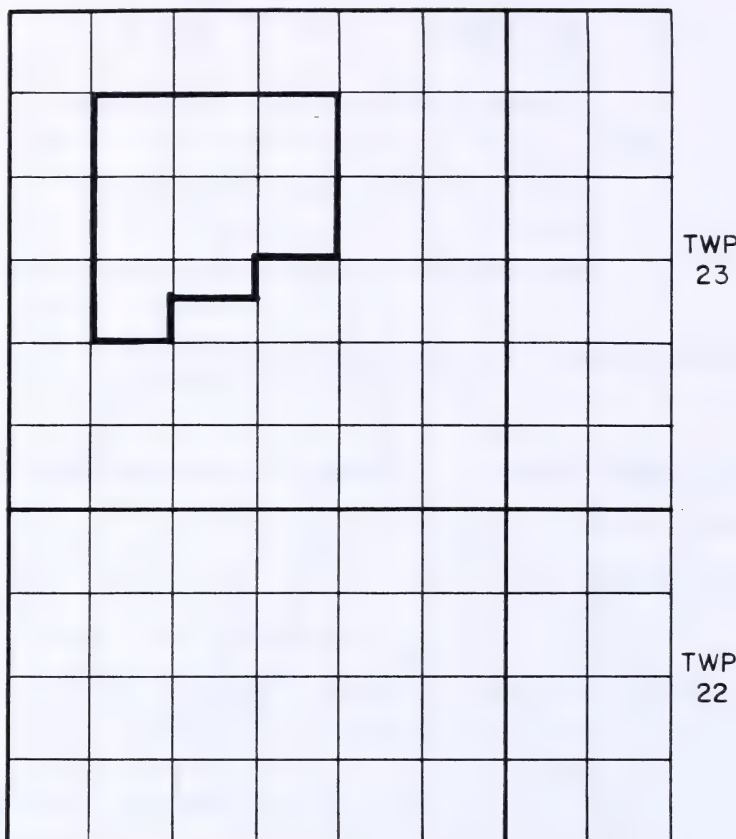
*Unitized Substance - Natural gas, condensate and other hydrocarbons
(except coal and crude oil)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amalgamated Bonanza Petroleum Ltd.	75.3520
Murphy Oil Company Ltd.	<u>24.6480</u>
	100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R13W4



CESSFORD GAS UNIT NO. 3

INITIAL EFFECTIVE DATE - APRIL 1, 1969

UNIT OPERATOR - MURPHY OIL COMPANY LTD

CHAMPLIN-PERUVIAN PEMBINA CARDIUM UNIT

Unit Operator - Champlin Canada Ltd.

Initial Effective Date - 1 October 1968

Participation Revised - 1 January 1983

Working Interest Owners

Per Cent Participation

Champlin Canada Ltd.

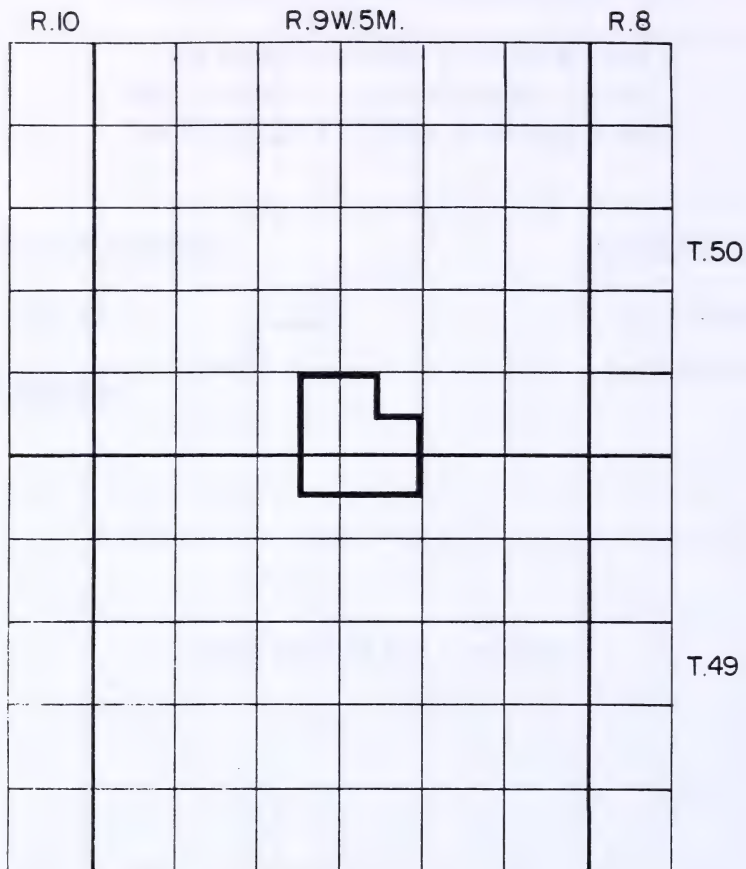
63.14751

Denison Mines Limited

36.85249
100.00000

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CHAMPLIN - PERUVIAN PEMBINA CARDIUM UNIT

INITIAL EFFECTIVE DATE - OCTOBER 1, 1968

UNIT OPERATOR-CHAMPLIN CANADA LTD.

CHARRON GAS UNIT NO. 1

Unit Operator - Novalta Resources Ltd.

Initial Effective Date - 1 February 1978

Participation Revised - 1 October 1985

*Unitized Zone - Mannville Zone and Grosmont Zone

*Unit Substance - Gas

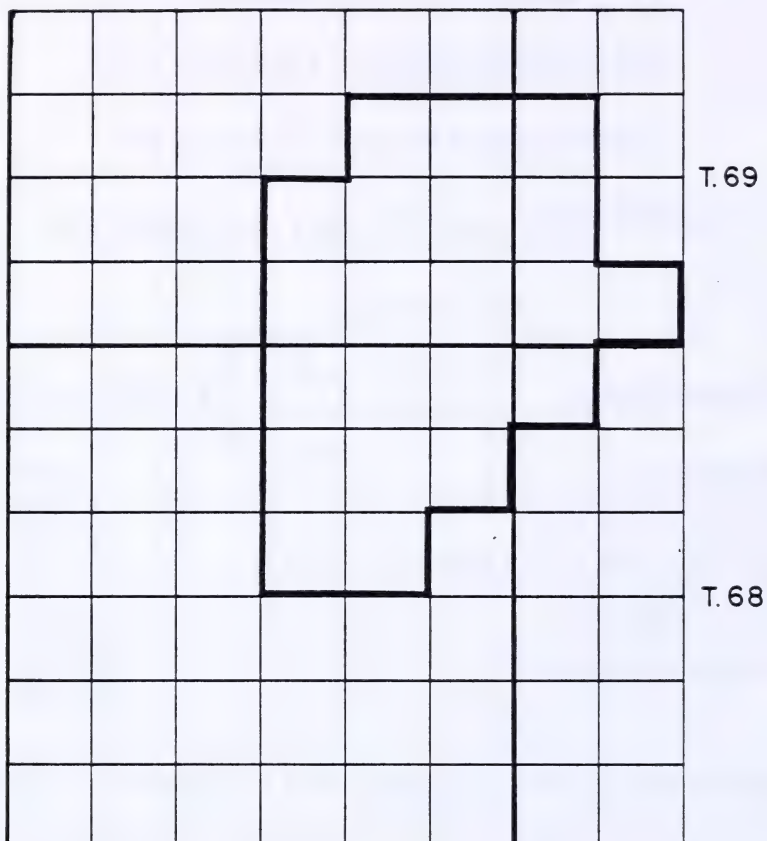
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Aberford Resources Ltd.	2.6078
Brinco Oil & Gas Limited	3.5557
Canadian Superior Oil Ltd.	33.4880
Gulf Canada Resources by its Managing Partner	10.1048
Gulf Canada Limited	
Inverness Petroleum Ltd.	6.0437
Novalta Resources Ltd.	29.5077
Sceptre Resources Limited	14.6923
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R. 15 W. 4 M.



INITIAL EFFECTIVE DATE - FEBRUARY 1, 1978

UNIT OPERATOR - NOVALTA RESOURCES LTD.

CHAUVIN MAIN MANNVILLE UNIT

Unit Operator - BP Exploration Canada Limited

Initial Effect Date - 1 November 1961

Participation Revised - 1 March 1984

*Unitized Zone - Sparky Formation

*Unitized Substance - All petroleum and natural gas and related hydrocarbons

Working Interest Owners

Per Cent Participation

BP Exploration Canada Limited	87.5697
Koch Exploration Canada Limited	11.1118
Norcen Energy Resources Ltd.	1.3185
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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CHAUVIN MAIN MANNVILLE UNIT

UNIT OPERATOR — B.P. EXPLORATION CANADA LIMITED

ERC

CHAUVIN SOUTH GAS UNIT NO. 1

Unit Operator - Steen Resources Ltd.

Initial Effective Date - 1 March 1973

Participation Revised - 1 January 1984

*Unitized Zone - Colony, Sparky and Waseca Formations

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
American Eagle Petroleums Ltd.	8.0543
Christopher Enterprises Ltd.	2.4091
Crystal Development Ltd.	4.0342
Enexco International Limited	20.0000
Guarantee Trust Co. Ltd.	6.3344
Koch Exploration Canada, Ltd.	18.8735
Martec Industries Ltd.	5.6825
Mathieson Development Ltd.	14.5363
Steen Resources Ltd.	14.5363
Trojan Explorations Ltd.	5.5394
	<u>100.0000</u>

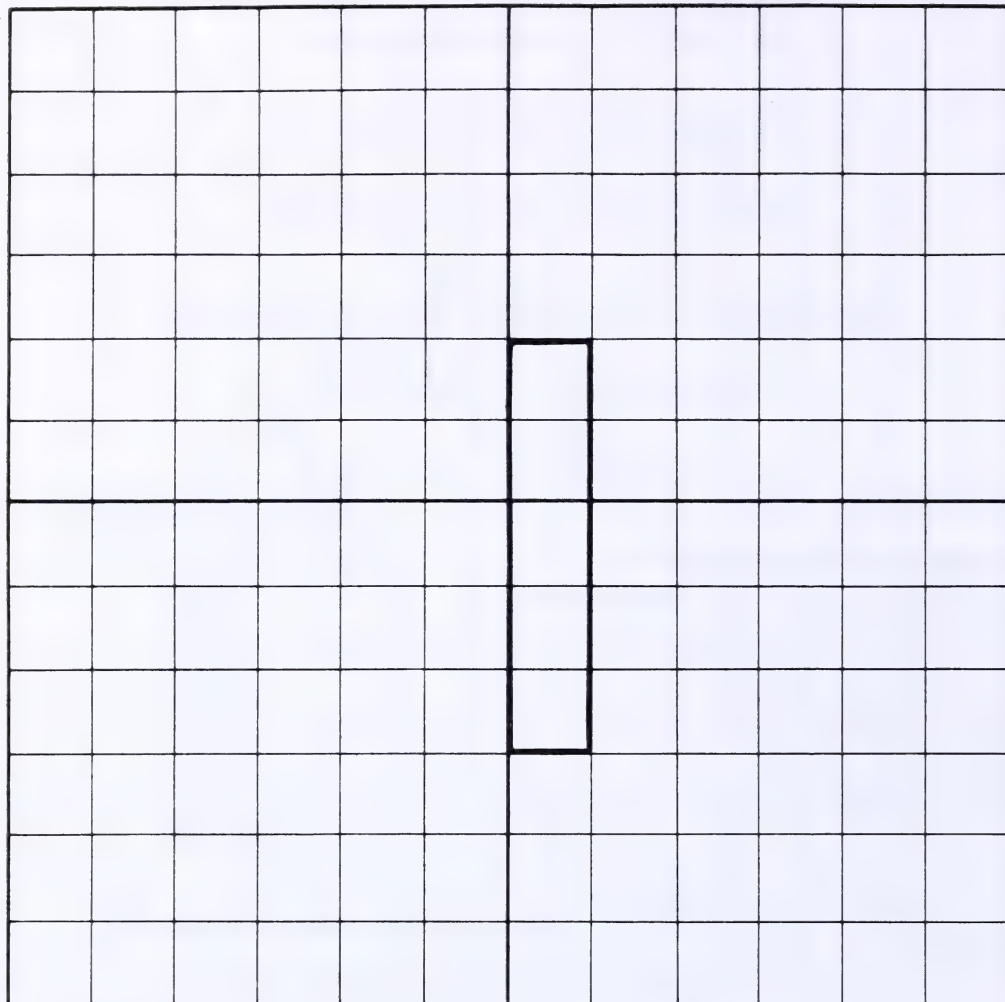
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.2

R.1 W.4M.



T.43

T.42

CHAUVIN SOUTH GAS UNIT NO.1

INITIAL EFFECTIVE DATE- 1 MARCH 1973

UNIT OPERATOR- STEEN RESOURCES LTD.



CHAUVIN SOUTH GAS UNIT NO. 2

Unit Operator - BP Exploration Canada Ltd.

Initial Effective Date - 1 July 1975

Participation Revised - 1 July 1977

*Unitized Zone - Colony Formation

*Unitized Substance - Natural gas

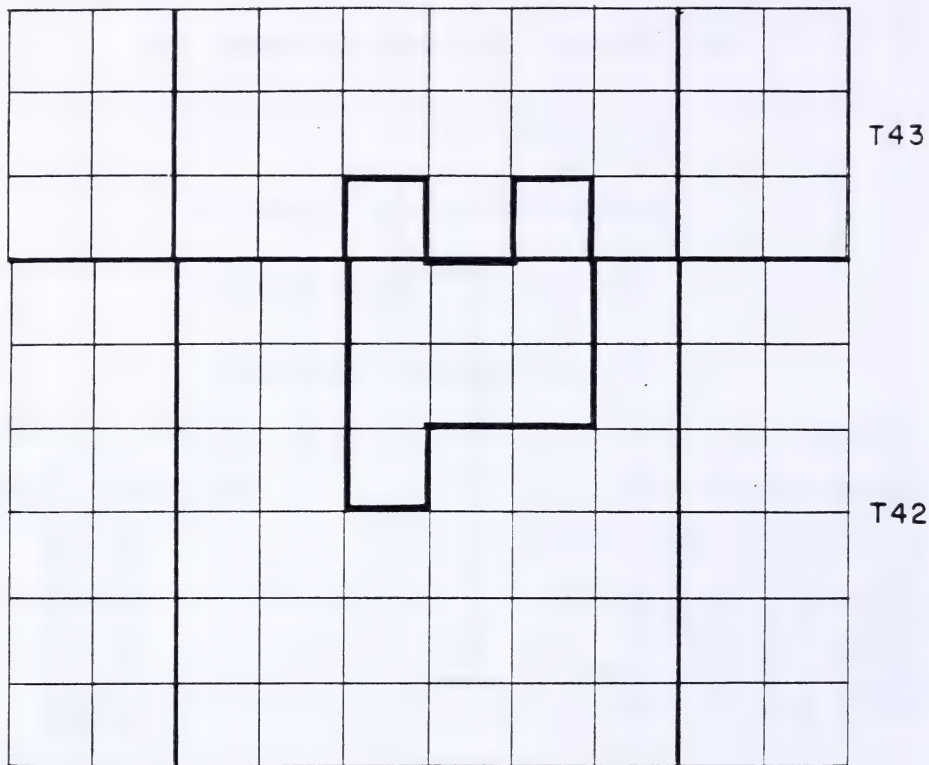
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Exploration Canada Limited	84.3546
Beaver Broilers Ltd.	0.5653
Richard J. Churchill Limited	1.3417
Cinabar Enterprises Ltd.	11.9594
Gallager Oils Ltd.	0.4455
Douglas P. Hunt and Ruby M. Hunt	0.7765
Tofield Cattle Co. Ltd.	0.5570
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R.1



INITIAL EFFECTIVE DATE — JULY 1, 1975

UNIT OPERATOR-BP EXPLORATION CANADA LTD.

AREA OF CHANGE EFFECTIVE- JULY 1, 1977



CHAUVIN SOUTH LLOYDMINSTER UNIT NO. 4

Unit Operator - BP Oil and Gas Ltd.

Initial Effective Date - 1 May 1971

Participation Revised - 1 June 1977

*Unitized Zone - Lloydminster Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

BP Exploration Canada Limited

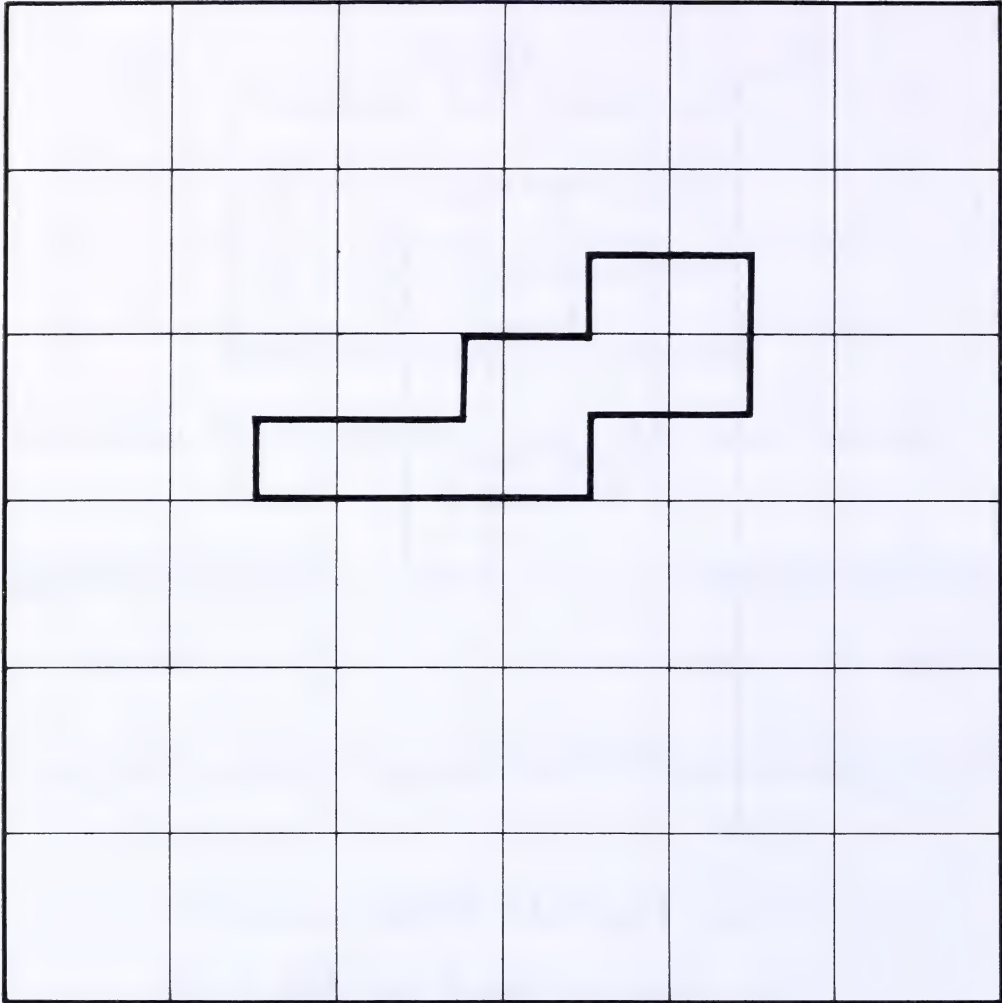
100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R2W4M



T42

CHAUVIN SOUTH LLOYDMINSTER UNIT NO. 4

INITIAL EFFECTIVE DATE — MAY 1, 1971

UNIT OPERATOR BP OIL AND GAS LTD.

CHAUVIN SOUTH SPARKY UNIT NO. 1

Unit Operator - BP Exploration Canada Limited

Initial Effective Date - 1 February 1970

Participation Revised - 14 June 1985

*Unitized Zone - Sparky Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

BP Exploration Canada Limited

100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R2W4M

15	14	13
10		12
3		1

T.43

CHAUVIN SOUTH SPARKY UNIT NO.1



INITIAL EFFECTIVE DATE- 1 FEBRUARY 1970

UNIT OPERATOR- B.P. RESOURCES CANADA LIMITED

CHAUVIN SOUTH SPARKY UNIT NO. 2

Unit Operator - BP Exploration Canada Limited

Initial Effective Date - 1 January 1971

Participation Revised - 1 June 1977

*Unitized Zone - Sparky Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

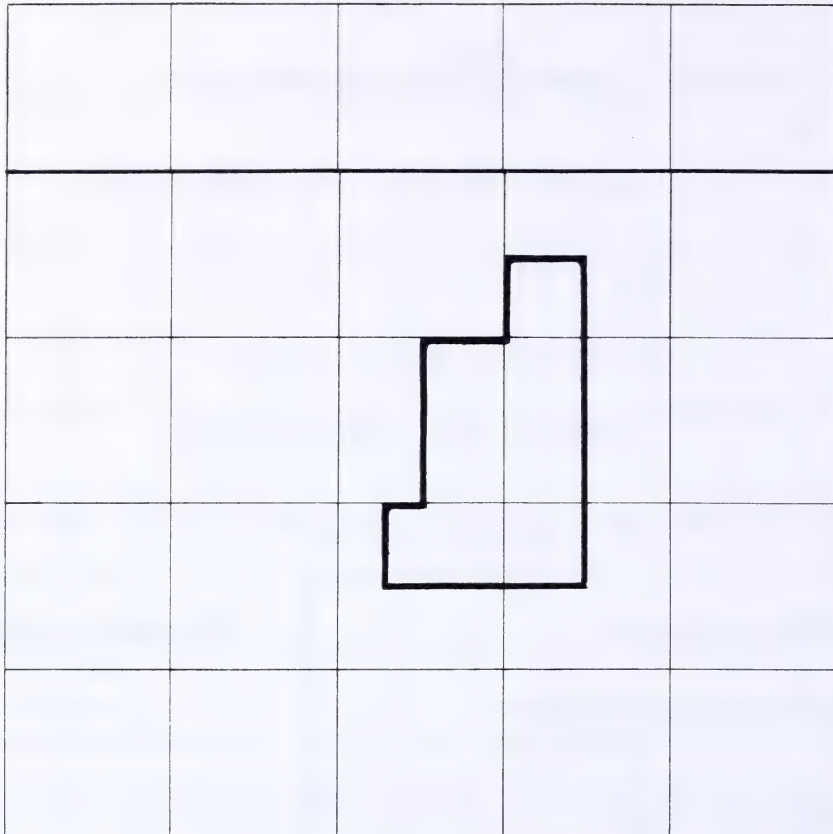
BP Exploration Canada Limited

100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R.2W4M



T43

T42

CHAUVIN SOUTH SPARKY UNIT NO.2

INITIAL EFFECTIVE DATE — JANUARY 1, 1971

UNIT OPERATOR — B.P. EXPLORATION CANADA LIMITED

CHAUVIN SOUTH SPARKY UNIT NO. 3

Unit Operator - BP Exploration Canada Limited

Initial Effective Date - 1 April 1971

Participation Revised - 1 June 1977

*Unitized Zone - Sparky Formation

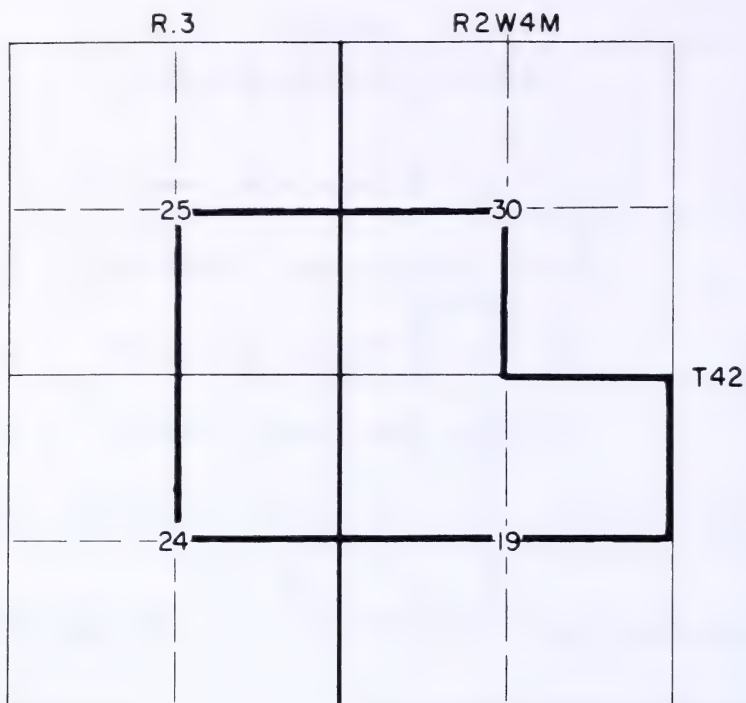
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Exploration Canada Limited	100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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CHAUVIN SOUTH SPARKY UNIT NO. 3

INITIAL EFFECTIVE DATE — APRIL 1, 1971

UNIT OPERATOR — B.P. EXPLORATION CANADA LIMITED

CH1GWELL VIKING B UNIT

Unit Operator - Ladd Exploration Company

Initial Effective Date - 1 November 1978

Participation Revised - 1 January 1984

*Unitized Zone - Viking B Formation

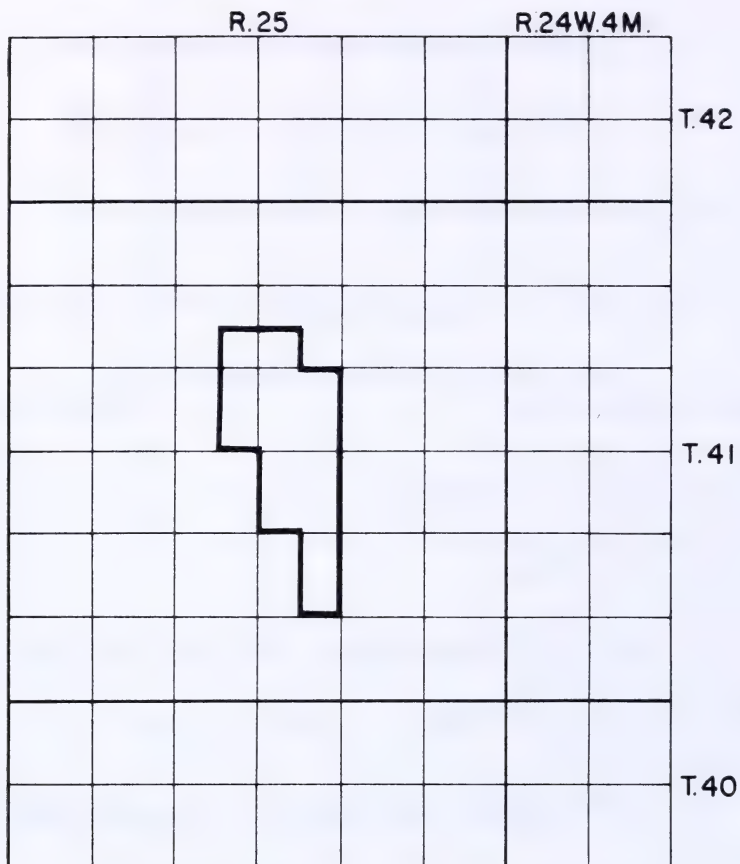
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bird Oil Equipment Ltd.	2.5978
Canadian Occidental Petroleum Ltd.	2.2048
Canadian Reserve Oil and Gas Ltd.	18.5552
Goldale Investments Limited	3.7611
Ladd Exploration Company	15.0447
New York Oils Ltd.	15.0447
Pennant Resources Limited	3.7611
Placer Cego Petroleum Limited	5.5341
Tricentrol Oils Limited	5.5341
Trilogy Resource Corporation	15.0447
202188 Petroleums Ltd.	1.1191
217915 Oil & Gas Ltd.	7.5222
White Resource Management Ltd.	4.2764
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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CHIGWELL VIKING B UNIT

UNIT OPERATOR - LADD EXPLORATION COMPANY

INITIAL EFFECTIVE DATE - NOVEMBER 1, 1978

CHIN COULEE UNIT NO. 1

Unit Operator - Koch Exploration Canada, Ltd.

Initial Effective Date - 1 December 1964

Participation Revised - 31 March 1984

*Unitized Zone - Mannville Formation

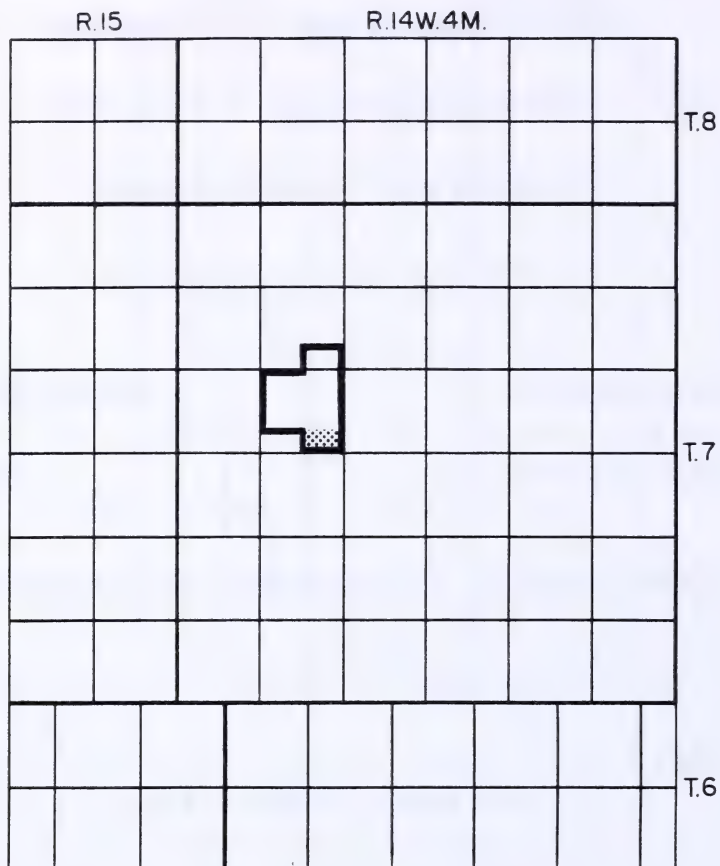
*Unitized Substance - Crude Oil

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Koch Exploration Canada, Ltd.	100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CHIN COULEE UNIT NO. 1

INITIAL EFFECTIVE DATE - DECEMBER 1, 1964

UNIT OPERATOR- KOCH EXPLORATION CANADA LTD.

AREA OF CHANGE EFFECTIVE - MARCH 1, 1965 - 

CHOICE BASAL QUARTZ UNIT

Unit Operator - NSM Resources Ltd.

Initial Effective Date - 1 July 1973

Participation Revised - 31 August 1984

*Unitized Zone - Basal Quartz Formation

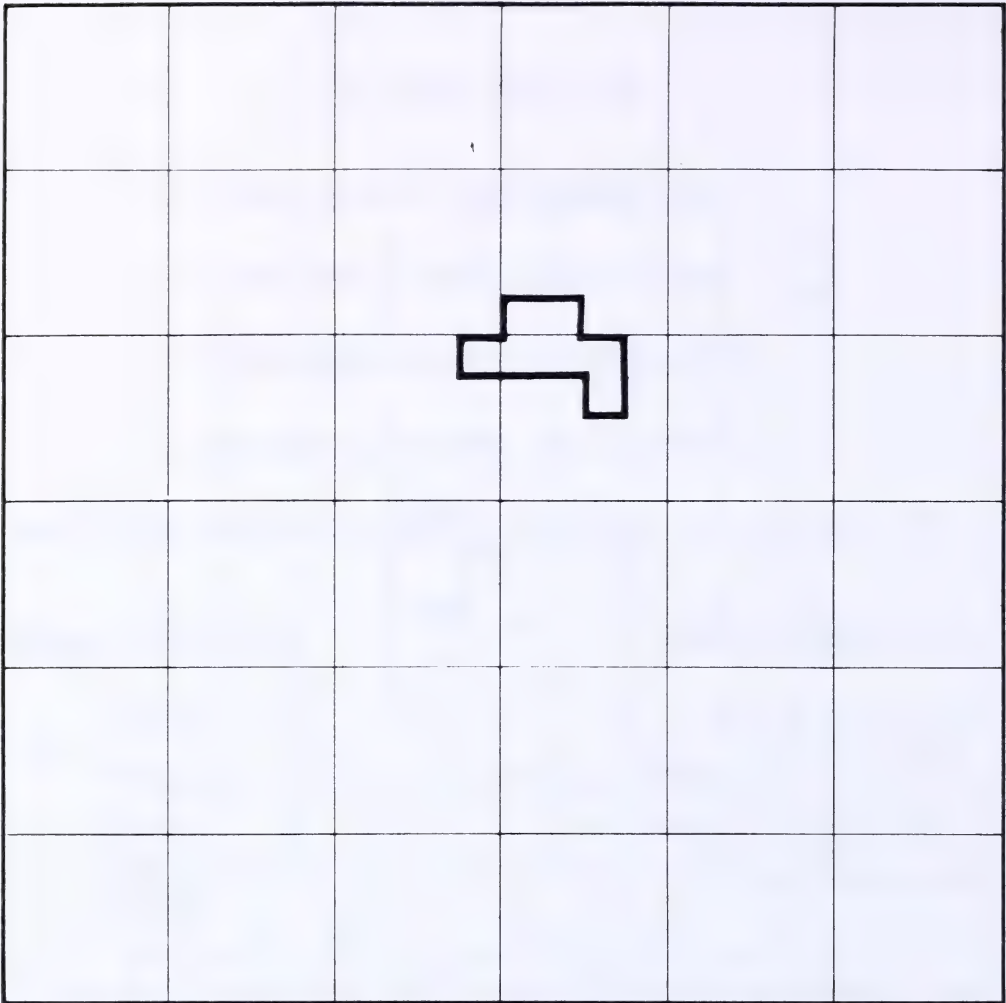
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Blake Resources Ltd.	44.7360
Irving Industries (Foothills Steel Foundry Division) Ltd.	16.6667
Irving Industries (Wire Products Division) Ltd.	16.6666
Leitch Transport Ltd.	5.2640
NSM Resources Ltd.	16.6667
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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CHOICE BASAL QUARTZ UNIT

INITIAL EFFECTIVE DATE — JULY 1, 1973

UNIT OPERATOR — NSM RESOURCES LTD.

CHOICE VIKING GAS UNIT NO. 1

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 December 1976

Participation Revised - 1 July 1983

*Unitized Zone - Viking Formation

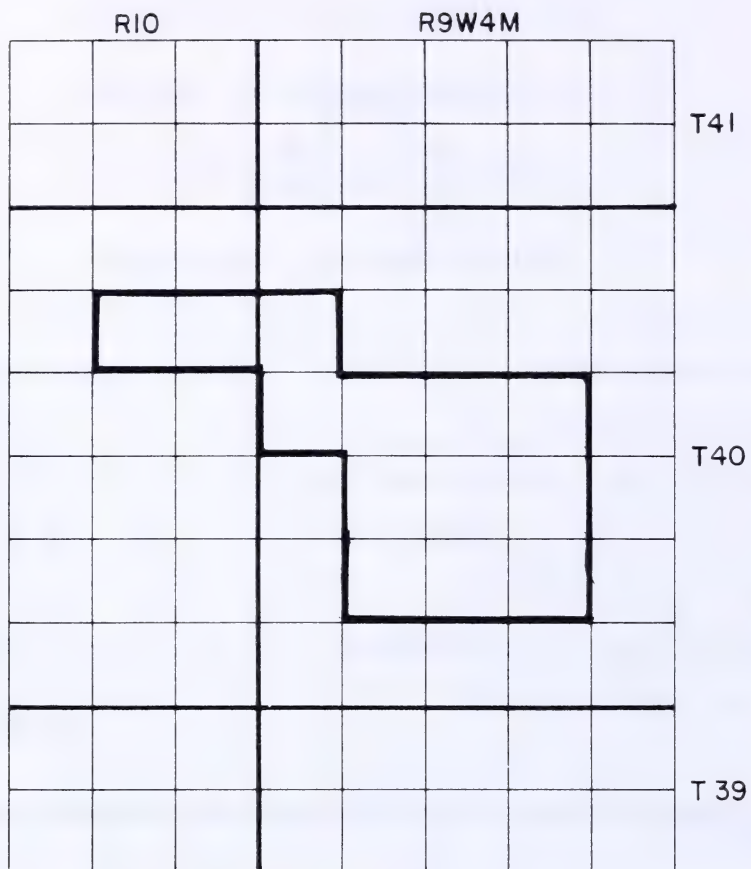
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Aberford Resources Ltd.	5.76924
American Leduc Petroleums Limited	7.69232
Columbia Gas Development of Canada Ltd.	2.59614
Dome Petroleum Limited	24.59135
Hudson's Bay Oil and Gas Company Limited	12.30770
J. M. Huber Corporation	1.92308
Maligne Resources Limited	11.85096
Norcen Energy Resources Limited	17.30768
Precambrian Shield Resources Limited	3.07692
Prenalta Petroleum Limited	1.92307
Provo Gas Producers Limited	10.96154
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CHOICE VIKING GAS UNIT NO. 1

INITIAL EFFECTIVE DATE — 1 DECEMBER 1976

UNIT OPERATOR — DOME PETROLEUM LIMITED

CLIVE D-2 UNIT NO. 1

Unit Operator - Gulf Canada Corporation

Initial Effective Date - 1 September 1970

Participation Revised - 15 September 1986

*Unitized Zone - Nisku Formation

*Unitized Substance - Gas cap gas, oil and solution gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>	
	<u>Oil Interests</u>	<u>Gas Interests</u>
Acquifund Resources Limited	0.11099	1.31171
Adeco Drilling and Engineering Co. Ltd.	0.71445	0.52328
Amoco Canada Petroleum Company Ltd.	23.03974	21.57592
Bow Valley Industries Ltd.	0.05158	0.37564
Canadian Occidental Petroleum Ltd.	2.56575	4.92330
Canadian Superior Oil Ltd.	23.39667	25.89157
G.P. Davis	0.01094	0.00868
Dome Petroleum Ltd.	0.00755	0.28400
Esso Resources Canada Limited	4.40270	6.77290
First National Bank of Oregon (Estate of M. Tillotson)	0.01094	0.00868
Gulf Canada Corporation	21.44280	20.98325
J. M. Huber Corporation	1.41080	1.13520
Kerr-McGee Corporation	4.92960	0.47885
Leddy Exploration Limited	0.01605	0.44521
C.A. Lott	0.00073	0.00044
Charles L. McMahon	0.00629	0.00380
R. W. McMahon	0.03794	0.74877
Montclair Oil Ltd.	0.02187	0.01735
Mosswood Oil and Gas Ltd.	0.01100	0.28120
Musketeer Energy Ltd.	3.60616	1.57932
Northern Development Company Limited	0.11232	-
Ocelot Industries Ltd.	0.02675	0.74201
PanCanadian Petroleum Limited	0.26360	-
Pennzoil United, Inc.	1.09346	0.86778
Petro Canada Inc.	2.82887	1.93148
Petroleum International Inc.	0.06482	1.49086
Sabre Petroleums Ltd.	0.05664	1.49683
Sasko Oil & Gas Inc.	0.05158	0.37564
Sceptre Resources Limited	0.01404	-

Working Interest Owners

<u>Per Cent Participation</u>	
<u>Oil Interests</u>	<u>Gas Interests</u>

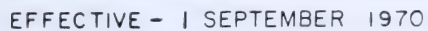
E. J. Schermerhorn	0.01476	0.00891
Southland Royalty Company	1.88440	0.44850
Star Oil & Gas Ltd.	0.95300	0.24090
R.C. Stratford	0.15308	0.12150
Texaco Canada Resources	6.04277	3.62093
Texas Crude Oil Company	0.01404	-
United Canso Oil & Gas Ltd.	0.32803	0.26034
Westair Resources Ltd.	0.02187	0.01735
Westmin Resources Limited	0.23815	0.17442
Zorayda Oil Co. Ltd.	0.04327	0.85348
	<u>100.00000</u>	<u>100.00000</u>

* For a complete definition of unitized zone and substance see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R23W4M



CLIVE D-3A UNIT NO. 1

Unit Operator - Gulf Canada Corporation

Initial Effective Date - 1 September 1970

Participation Revised - 15 September 1986

*Unitized Zone - Leduc Formation

*Unitized Substance - Gas cap gas, oil and solution gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>	
	<u>Oil Interests</u>	<u>Gas Interests</u>
Acquifund Resources Limited	2.22236	2.08079
Adeco Drilling and Engineering Co. Ltd.	0.56813	-
Amoco Canada Petroleum Company Ltd.	13.02200	21.44857
Bow Valley Industries Ltd.	0.86775	0.41285
Canadian Occidental Petroleum Ltd.	4.17855	6.97925
Canadian Superior Oil Ltd.	18.50710	20.07547
Corvair Oils Ltd.	0.24061	0.11512
G.P. Davis	0.00622	0.03322
Dome Petroleum Ltd.	0.22154	0.49528
Esso Resources Canada Limited	3.16610	1.56060
First National Bank of Oregon (Estate of M. Tillotson)	0.00621	0.03322
Gulf Canada Corporation	18.30485	18.42655
J. M. Huber Corporation	4.44650	-
Hudson's Bay Oil and Gas Company Limited	0.80430	0.15560
Kerr-McGee Corporation	10.31225	0.72910
Leddy Exploration Limited	0.26632	0.77043
C.A. Lott	0.00958	0.00035
Charles L. McMahon	0.08217	0.00299
R. W. McMahon	0.59027	1.28938
Montclair Oil Ltd.	0.01244	0.06642
Mosswood Oil and Gas Ltd.	1.56820	0.34830
Musketeer Energy Ltd.	2.09761	4.67402
Norcen Energy Resources Limited	0.26158	0.05625
Northern Development Company Limited	0.33344	0.21312
Ocelot Industries Ltd.	0.44385	1.28405

Working Interest Owners

	<u>Per Cent Participation</u>	
	<u>Oil Interests</u>	<u>Gas Interests</u>

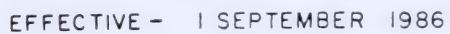
PanCanadian Petroleum Limited	1.54830	-
Pennzoil United, Inc.	0.62200	3.32137
Petro Canada Inc.	1.68730	2.05331
Petroleum International Inc.	1.03567	2.57349
Raeson Investments Ltd.	0.08017	0.03837
Sabre Petroleums Ltd.	0.84371	2.58645
Sasko Oil & Gas Inc.	0.69336	0.37535
Sceptre Resources Limited	0.04168	0.02664
E. J. Schermerhorn	0.19306	0.00702
Southland Royalty Company	3.34480	0.71085
Star Oil & Gas Ltd.	1.63452	0.78261
R.C. Stratford	0.08708	0.46500
Texaco Canada Resources	4.33730	3.21657
Texas Crude Oil Company	0.04168	0.02664
United Canso Oil & Gas Ltd.	0.18660	0.99641
Jack Wahl	0.14533	0.03125
Westair Resources Ltd.	0.01244	0.06642
Westmin Resources Limited	0.18937	-
Zorayda Oil Co. Ltd.	0.73570	1.47132

* For a complete definition of unitized zone and substance see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R23W4M



CLIVE NORTH BASAL QUARTZ GAS UNIT

Unit Operator - Imperial Oil Limited

Initial Effective Date ----- April 1, 1961

Participation Revised ----- July 1, 1961

Working Interest Owner

Per Cent Participation

Chevron Standard Limited	31.35141
Gulf Oil Canada Limited	6.12941
Hudson's Bay Oil and Gas Company Limited	8.87975
Imperial Oil Limited	<u>53.63943</u>
	100.00000

(For Area - See Reverse Side)

Oil and Gas Conservation Board
Calgary, Alberta

Unit Operator - Suncor Inc.

Initial Effective Date - 5 July 1964

Participation Revised - 22 August 1979

*Unitized Zone - Lower Mannville Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Ltd.	0.115014
BP Exploration Canada Limited	0.115013
Canadian Reserve Oil & Gas Ltd.	35.315949
Hudson's Bay Oil and Gas Company Limited	15.850618
Natomas Exploration of Canada Ltd.	6.192372
PanCanadian Petroleums Limited	15.393463
Suncor Inc.	27.017571
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

CORBETT CREEK VIKING GAS UNIT NO. 1

Unit Operator - North Canadian Oils Limited

Initial Effective Date - 1 August 1972

Participation Revised - 28 June 1984

*Unitized Zone - Lower Viking Formation

*Unitized Substance - Natural gas

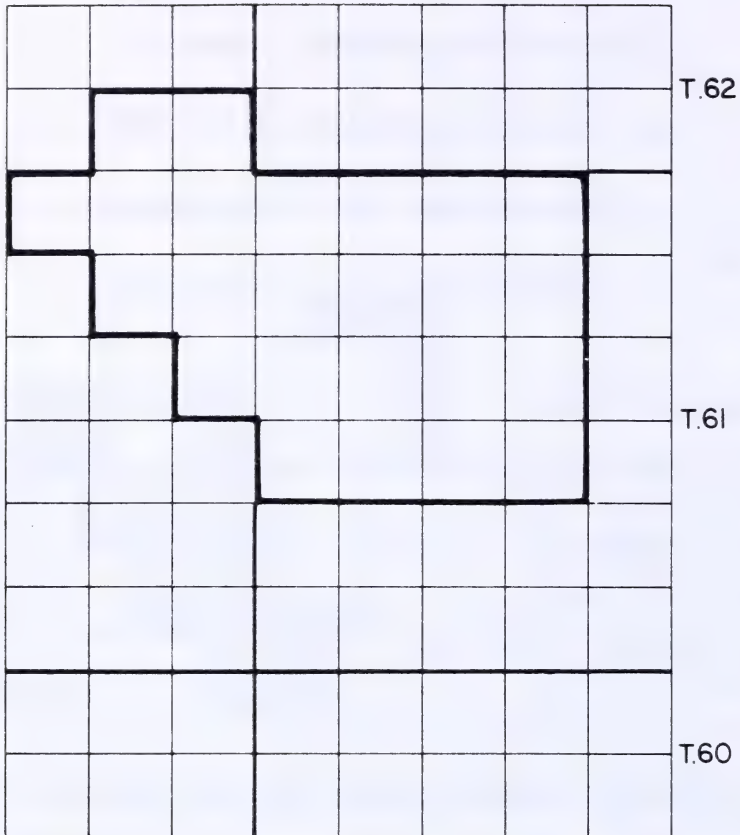
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Atcor Resources Limited	10.30041
Calgary Crude Oil Limited	8.90716
Canadian Superior Oil Ltd.	13.36075
Glenmore Petroleums Ltd.	1.93222
J. M. Huber Corporation	7.18567
Musketeer Energy Ltd.	14.62881
North Canadiani Oils Limited	29.19373
Ranchmen's Resources (1976) Ltd.	4.19084
White Eagle Oil & Gas Ltd.	10.30041
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.7 W.5



CORBETT CREEK VIKING GAS UNIT NO.1

INITIAL EFFECTIVE DATE - AUGUST 1, 1972

UNIT OPERATOR NORTH CANADIAN OILS LIMITED

COUNTESS-LAKE NEWELL GAS UNIT NO. 1

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 November 1969

Participation Revised - 1 April 1981

*Unitized Zone - Viking B, Viking D, Glauconitic and Basal Quartz

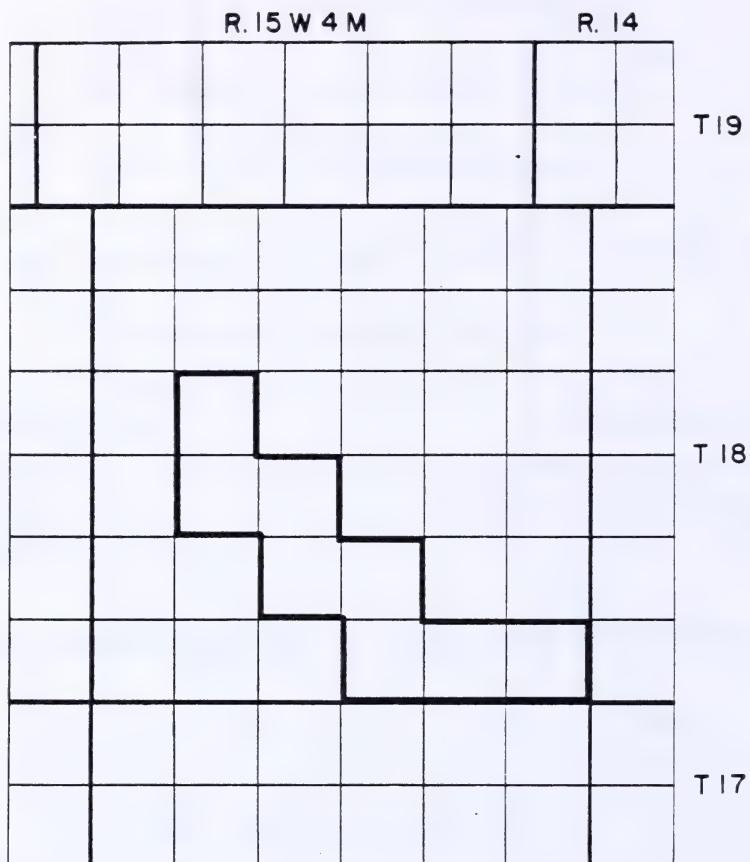
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Murphy Oil Company Ltd.	56.29763
Norcen Energy Resources Limited	7.33794
PanCanadian Petroleum Limited	<u>36.36443</u>
	100.00000

*For a complete definition of unitized zones and substances see Unit Document

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



COUNTESS-LAKE NEWELL GAS UNIT NO.1

INITIAL EFFECTIVE DATE — NOVEMBER 1, 1969

UNIT OPERATOR — PANCANADIAN PETROLEUM. LTD

COUNTESS UPPER MANNVILLE DFH UNIT

Unit Operator - PanCanadian Petroleum Ltd.

Initial Effective Date - 1 June 1973

Participation Revised - 1 July 1982

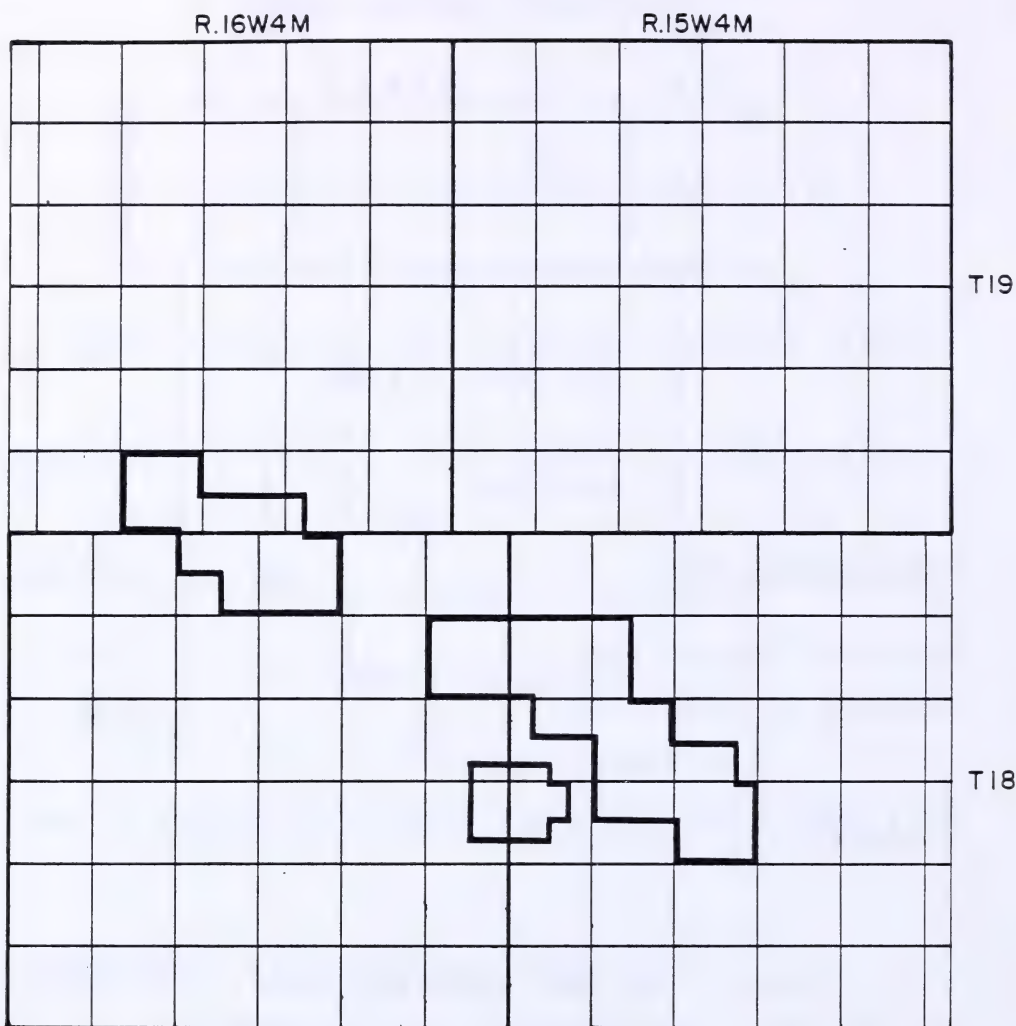
*Unitized Zone - Upper Mannville D Sand, Upper Mannville F Sand, and
Upper Mannville H Sand

*Unitized Substance - Petroleum, natural gas and related hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Norcen Energy Resources Limited	25.07294
PanCanadian Petroleum Limited	<u>74.92706</u>
	100.00000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



COUNTESS UPPER MANNVILLE D.F.H. UNIT

INITIAL EFFECTIVE DATE - JUNE 1, 1973

UNIT OPERATOR - PANCANADIAN PETROLEUM LIMITED

COUTTS MOULTON A UNIT NO. 1

Unit Operator - Murphy Oil Company Ltd.

Initial Effective Date - 1 December 1969

Participation Revised - 1 June 1984

*Unitized Zone - Moulton Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

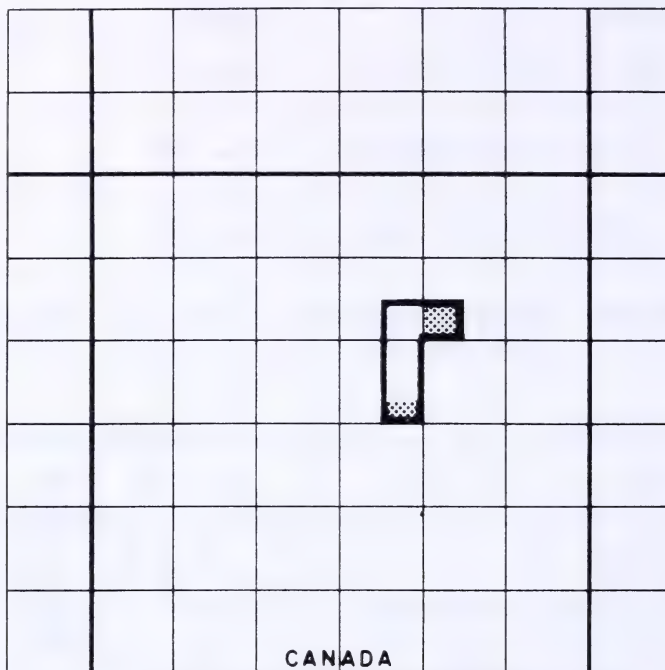
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Harris, Carolyn M.	0.2897
Moulton, Gail F., Jr.	0.2897
Moulton, Willis R.	0.2897
Murphy Oil Company Ltd.	87.0690
Seaward Petroleum Ltd.	11.5794
Toque Investments Ltd.	0.4825
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 16 W 4 M



T. 1

CANADA
UNITED STATES OF AMERICA

COUTTS MOULTON A UNIT No. 1

INITIAL EFFECTIVE DATE — DECEMBER 1, 1969

UNIT OPERATOR — MURPHY OIL COMPANY LTD.

AREA OF CHANGE EFFECTIVE — MARCH 1, 1971 

CRAIGEND GAS UNIT NO. 1

Unit Operator - BP Exploration Canada Limited

Initial Effective Date - 1 April 1974

Participation Revised - 1 February 1976

*Unitized Zone - Mannville & Grosmont Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Exploration Canada Limited	50.00000
Norcen Energy Resources Limited	20.00000
Northwestern Utilities Limited	30.00000
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R12



Unit Operator - Crescendo Oil & Gas Ltd.

Initial Effective Date - 1 January 1962

Participation Revised - 2 September 1986

*Unitized Zone - Lower Cardium Formation

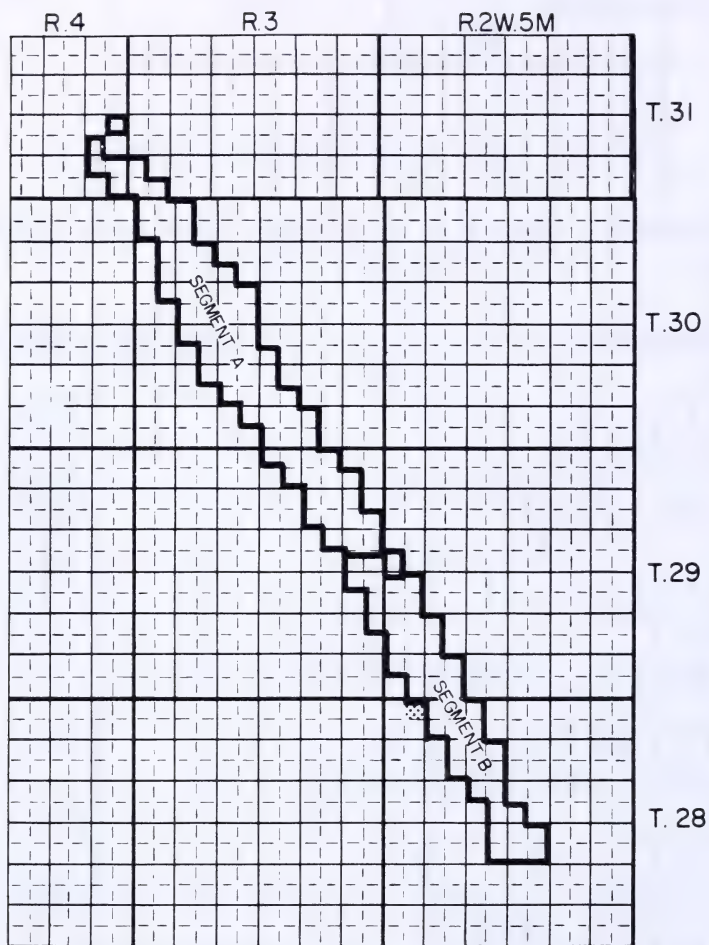
*Unitized Substance - Crude oil, natural gas, condensate, and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Asamera Inc	3.834035
Black Cat Oil & Gas Ltd.	1.235912
Bow Valley Industries Ltd.	7.415676
Canada NorthWest Energy Limited	0.099293
Canadian Occidental Petroleum Ltd.	2.290806
Canadian Superior Oil Ltd.	6.592875
Coleman, Ruth	0.048564
Crescendo Oil & Gas Ltd.	30.816381
Dome Petroleum Limited	2.336296
Drever, Josphine A.	0.048564
Drever, William A.	0.097127
Dundee-Palliser Resources Inc.	0.558187
Home Oil Company Limited	1.016463
Hudson's Bay Oil & Gas Company Limited	0.924988
International H.R.S. Industries Inc.	0.198579
James, H. T.	0.531305
L & M Holdings Ltd.	0.039718
Musketeer Energy Ltd.	1.104522
New York Oils Limited	1.181286
Norcen Energy Resources Limited	1.856353
Paddon Hughes Development Co. Ltd.	0.095655
Pembina Resources Limited	1.075002
Pipawa Exploration Limited	0.949196
Placer Cego Petroleum	5.606957
Provo Gas Producers Limited	3.511794
Ranchmen's Resources Ltd.	0.533221
Scurry-Rainbow Oil Limited	0.872718
Shell Canada Limited	7.734223
Suncor Inc.	4.807240
VeeJay Oil Producers Inc.	0.170089
Westburne Petroleum & Minerals Ltd.	12.416975
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CROSSFIELD CARDIUM UNIT NO. 1

INITIAL EFFECTIVE DATE - JANUARY 1, 1962

UNIT OPERATOR — CRESCENDO OIL & GAS LTD

AREA OF CHANGE EFFECTIVE - OCTOBER 1, 1982 

CROSSFIELD CARDIUM UNIT NO. 2

Unit Operator - Crescendo Oil & Gas Ltd.

Initial Effective Date - 1 December 1964

Participation Revised - 1 July 1986

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas, and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	0.407171
Crescendo Oil & Gas Ltd.	48.116966
Dome Petroleum Limited	2.257545
Esso Resources Canada Limited	8.584691
Gulf Canada Corporation	0.821423
Husky Oil Operations Ltd.	2.656599
Mobil Oil Canada Ltd.	0.173281
Musketeer Energy Limited	2.145022
Norcen Energy Resources Limited	0.122152
Ranger Oil (Canada) Limited	2.416064
Scurry-Rainbow Oil Limited	3.136940
Shell Canada Limited	11.050525
Suncor Inc.	0.580185
Texaco Canada Resources	6.642811
Total Petroleum Canada Ltd.	3.116113
Ultramar Oil and Gas Canada Limited	7.772512
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CROSSFIELD ELKTON Z GAS UNIT

Unit Operator - Bow Valley Industries Ltd.

Initial Effective Date - 1 November 1977

*Unitized Zone - Elkton Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	12.7542
Bow Valley Industries Ltd.	44.4600
Grizzly Petroleum Limited	0.5342
Pembina Pipe Line Ltd.	38.0045
W. C. McBride-Silurian Oil Company	3.1887
The Paddon Hughes Development Co. Ltd.	1.0584
	<u>100.0000</u>

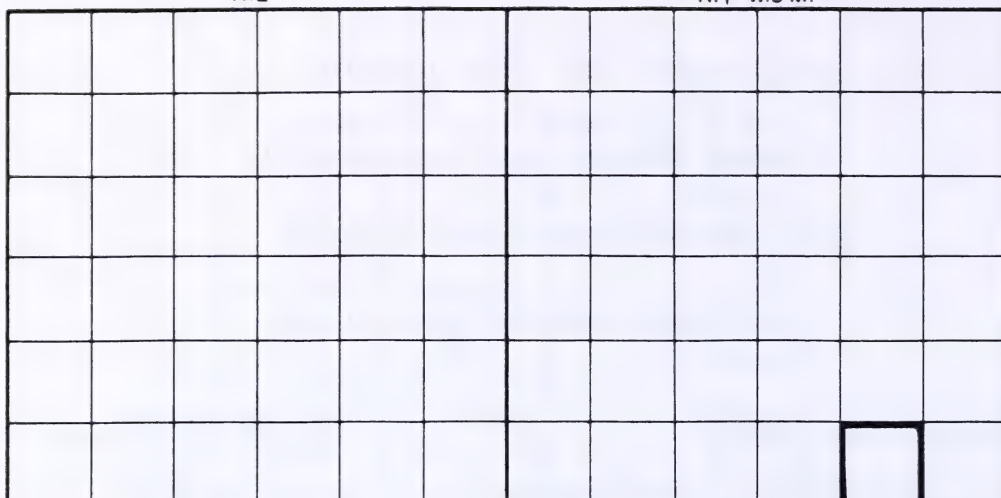
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.2

R.1 W.5 M.



T.27



T.26

CROSSFIELD ELKTON Z GAS UNIT

INITIAL EFFECTIVE DATE - 1 NOVEMBER ,1977

UNIT OPERATOR- BOW VALLEY INDUSTRIES LTD.

CROSSFIELD RUNDLE F UNIT NO. 1

Unit Operator - Shell Canada Limited

Initial Effective Date - 1 December 1974

Participation Revised - 1 January 1983

*Unitized Zone - Turner Valley Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Cooperative Energy Development Corporation	35.6721
Mobil Oil Canada, Ltd.	3.1890
Norcen Energy Resources Limited	31.0210
Shell Canada Limited	17.9423
Texaco Canada Resources Ltd.	12.1756
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

Unit Operator - Shell Canada Limited

Initial Effective Date - 27 December 1961

Participation Revised - 1 January 1986

*Unitized Zone - Turner Valley Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	11.9878450
Bow Valley Industries Ltd.	1.1889337
BP Resources Canada Limited	1.5153500
Canadian Reserve Oil and Gas Ltd.	2.1845933
Canadian Superior Oil Ltd.	8.9725677
Canterra Energy Ltd.	7.6775350
James L. Collins	0.3419966
Conwest Exploration Company Limited	0.3634460
Esso Resources Canada Limited	2.3615300
M. M. Gey	0.2279977
Louise Gilleland	0.6879801
Gulf Canada Resources, by its Managing Partner	4.5492550
Gulf Canada Limited	
Harman Resources Ltd.	0.0908615
Harvard International Resources Ltd.	7.6775350
Home Oil Company Limited	1.8436949
Hudsons' Bay Oil and Gas Company Limited	1.2431800
Norcen Energy Resources Limited	3.7488375
Pembina Resources Limited	1.1889337
Petro-Canada Inc.	3.1039000
Placer CEGO Petroleum (A Division of Placer Development Limited)	0.1201690
Scurry-Rainbow Oil Ltd.	1.9112250
Shell Canada Limited	31.3956010
Barbara Collins Slater	0.3419967
Suncor Inc.	0.8289500
Texaco Canada Resources Ltd.	0.3985100
The Paddon Hughes Development Co. Ltd.	0.7314300
Unocal Canada Limited	2.8601500
C. R. Zimmerman	0.2279978
J. E. Zimmerman	0.2279978
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

CRYSTAL VIKING UNIT NO. 1

Unit Operator - Westcoast Petroleum Ltd.

Initial Effective Date - 1 April 1984

Participation Revised - 1 September 1986

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	3.476389
Bluesky Oil & Gas Ltd.	7.096990
Conoco Canada Ltd.	12.424678
Corrida Oils Ltd.	2.595777
Erskine Resources Limited	11.645278
Hudson's Bay Oil & Gas Company Limited	3.476390
Ocelot Industries Ltd.	3.032109
Sharata Resources Limited	1.861115
Synerg Resources Ltd.	1.861114
Westcoast Petroleum Ltd.	44.742837
120243 Canada Inc.	7.787323
	<u>100.000000</u>

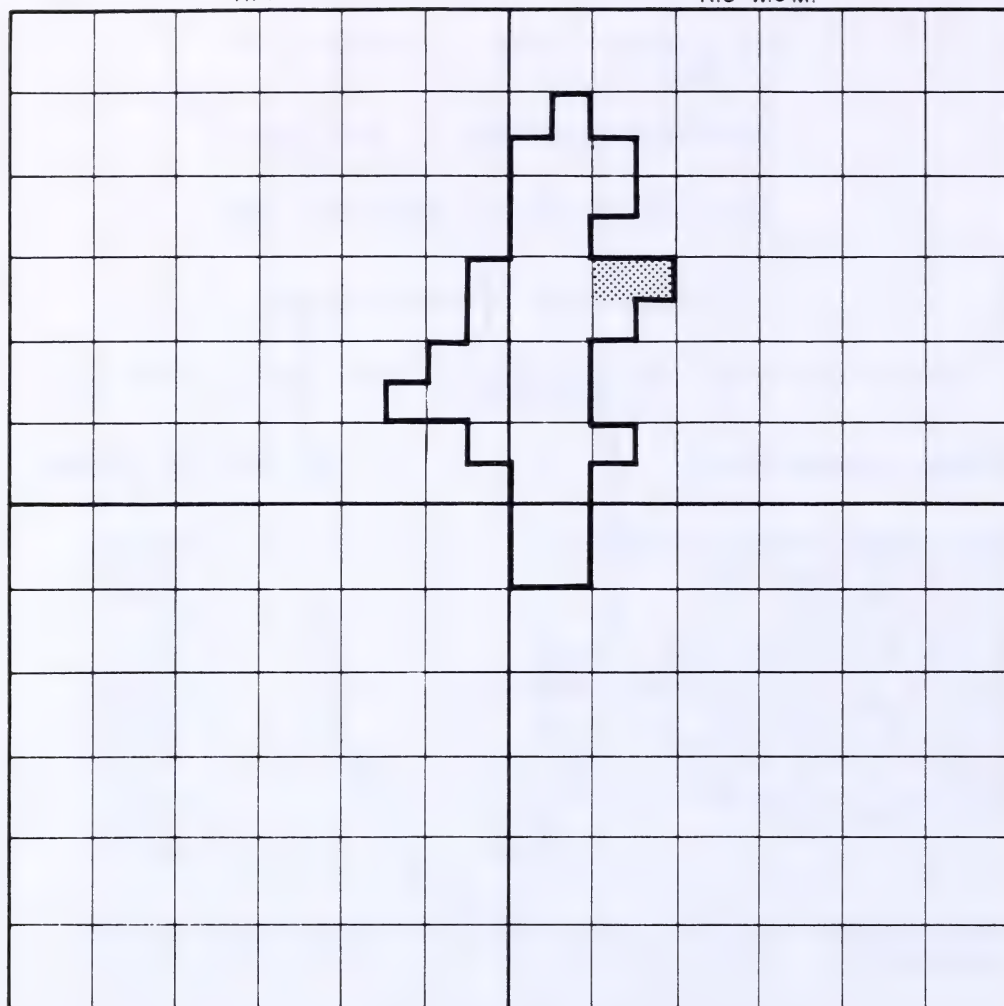
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.4

R.3 W.5M.



T.46

T.45

CRYSTAL VIKING UNIT NO. 1**ERCB**

INITIAL EFFECTIVE DATE- 1 APRIL 1984

UNIT OPERATOR- WESTCOAST PETROLEUM LTD.

AREA OF CHANGE EFFECTIVE - 1 SEPTEMBER 1986 

CRYSTAL VIKING UNIT NO. 2

Unit Operator - Bumper Development Corporation Ltd.

Initial Effective Date - 1 November 1984

*Unitized Zone - Viking Formation

*Unitized Substances - Petroleum and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Murphy Oil Company Ltd.	20.00
Woodpecker Energy Resources Ltd.	<u>80.00</u>
	100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 4

R. 3W 5M

15	14	13	18	17	16
10	11	12	7	8	9
3	2		6	5	4
34	35	36	31	32	33
27	26	25	30	29	28
22	23	24	19	20	21

T. 46

T. 45

CRYSTAL VIKING UNIT NO. 2**ERCB**

INITIAL EFFECTIVE DATE - 1 NOVEMBER 1984

UNIT OPERATOR- BUMPER DEVELOPMENT CORPORATION LTD.

CYN-PEM CARDIUM UNIT NO. 1

Unit Operator - Champlin Canada Ltd.

Initial Effective Date - 1 September 1966

Participation Revised - 1 January 1983

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	23.93869
Champlin Canada Ltd.	35.90802
Musketeer Energy Ltd.	4.24527
Texas Pacific Oil Canada Ltd.	35.90802
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.10W.5M.

T.52

T.51

CYN - PEM CARDIUM UNIT NO. 1

INITIAL EFFECTIVE DATE- SEPTEMBER 1, 1966

UNIT OPERATOR - CHAMPLIN CANADA LTD.

CYN-PEM CARDIUM "L" POOL UNIT NO. 1

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 April 1985

Participation Revised - 1 April 1986

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

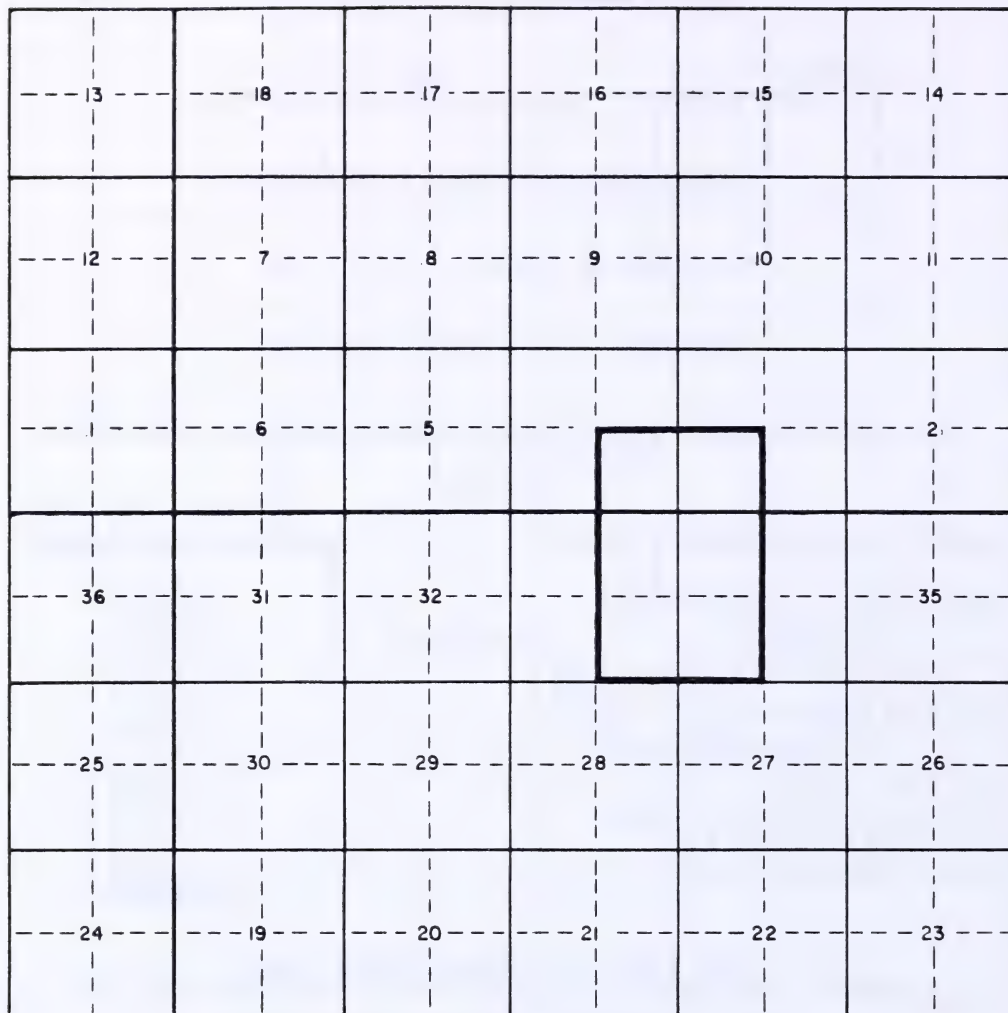
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Arctic Petroleum Ltd.	5.231250
Cattalo Resources Ltd.	0.667125
Cobblestone Resources Ltd.	0.889500
Consolidated Norex Resources Corp.	15.971250
Intensity Resources Ltd.	3.487500
Madison Oil & Gas Limited	0.160299
Mission Resources Limited	5.307201
Norpet Oil & Gas Ltd.	8.887500
PanCanadian Petroleum Limited	53.500000
Prominence Resources Ltd.	0.667125
Ricinus Resources Ltd.	5.231250
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R.12

R.11W5M



T.52

T.51

CYN-PEM CARDIUM L UNIT NO.1



INITIAL EFFECTIVE DATE - 1 APRIL 1985

UNIT OPERATOR- PANCANADIAN PETROLEUM LIMITED

CYNTHIA CARDIUM UNIT NO. 1

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 December 1964

Participation Revised - 1 May 1986

*Unitized Zone - Cardium Formation

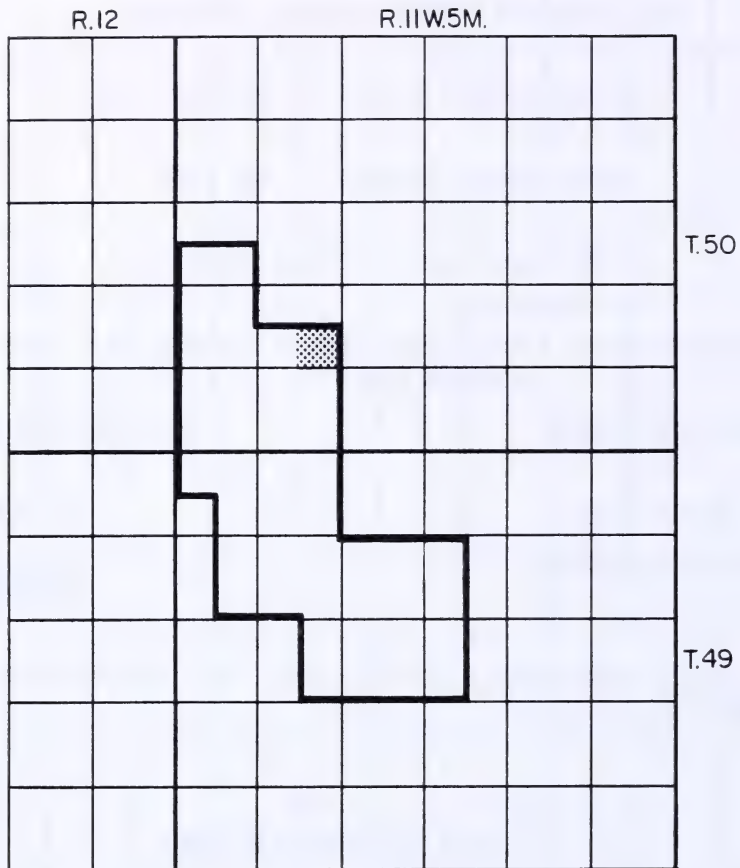
*Unitized Substances - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Musketeer Energy Ltd.	12.8496
Texaco Canada Resources	<u>87.1504</u> 100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CYNTHIA CARDIUM UNIT NO. 1

INITIAL EFFECTIVE DATE - DECEMBER 1, 1964

UNIT OPERATOR - TEXACO **CANADA** RESOURCES

AREA OF CHANGE EFFECTIVE - MAY 1, 1965 

CYNTHIA CARDIUM UNIT NO. 2

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 March 1966

Participation Revised - 1 May 1986

*Unitized Zone - Cardium Formation

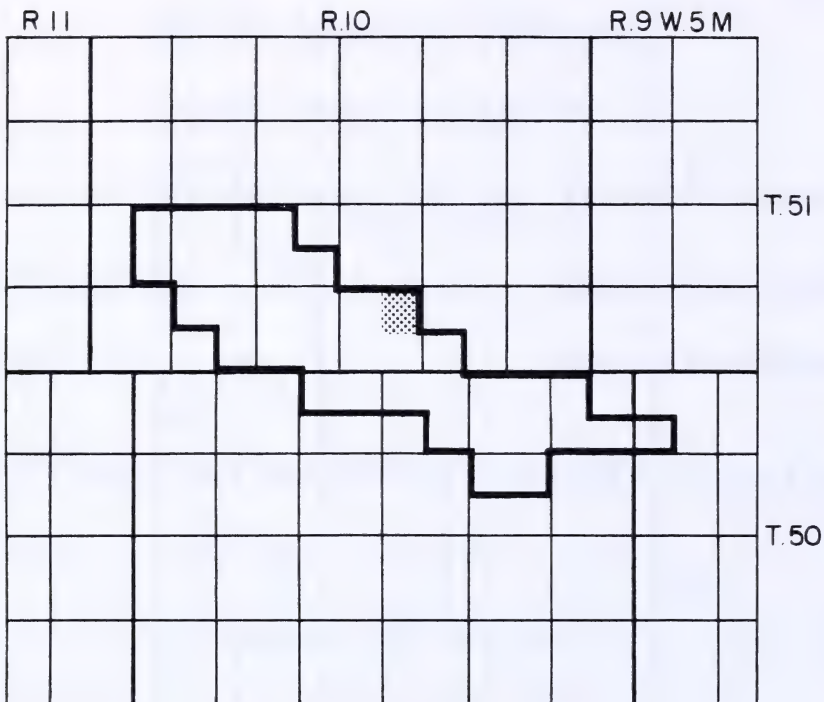
*Unitized Substances - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Texaco Canada Resources	100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CYNTHIA CARDIUM UNIT NO. 2

INITIAL EFFECTIVE DATE - MARCH 1, 1966

UNIT OPERATOR - TEXACO CANADA RESOURCES

AREA OF CHANGE EFFECTIVE - NOVEMBER 1, 1968 

CYNTHIA CARDIUM UNIT NO. 3

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 February 1969

Participation Revised - 1 May 1986

*Unitized Zone - Cardium Formation

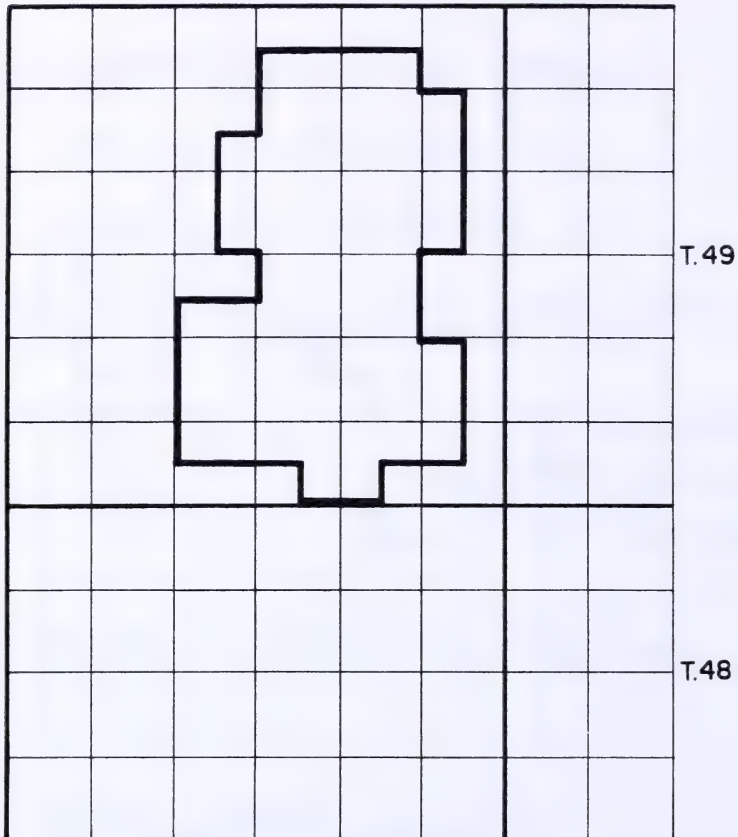
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Resources Canada Limited	11.09390
Texaco Canada Resources	88.90610
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R.9 W.5 M.



INITIAL EFFECTIVE DATE - FEBRUARY 1, 1969

UNIT OPERATOR — TEXACO CANADA RESOURCES

CYNTHIA CARDIUM UNIT NO. 4

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 March 1973

Participation Revised - 1 May 1986

*Unitized Zone - Cardium Formation

*Unitized Substances - Petroleum, natural gas and other hydrocarbons
(except coal)

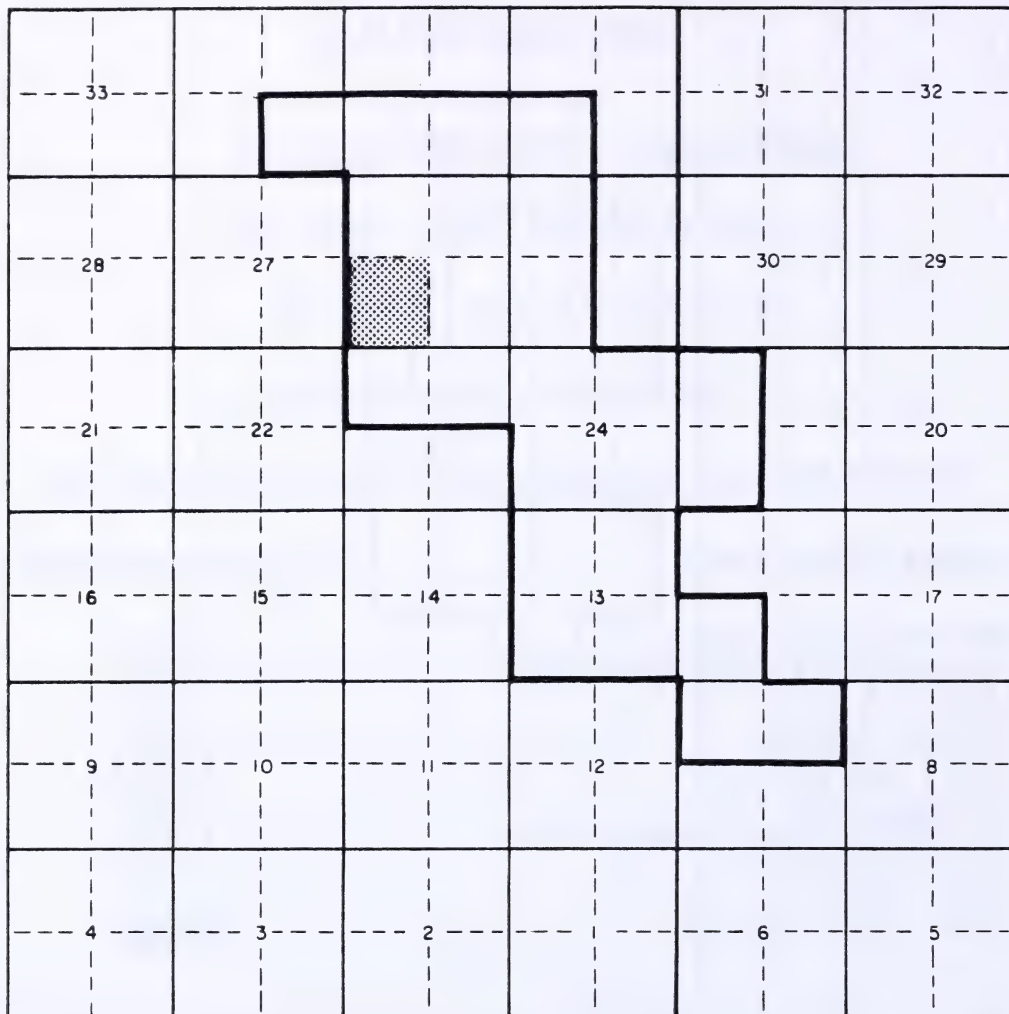
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bow Valley Exploration Ltd.	0.31750
Continental Ore & Mining Corp. Ltd.	0.63500
Benjamin D. Gilbert	0.61595
Carolyn M. Harris	0.00635
Willis R. Moulton	0.00635
Gail F. Moulton, Jr.	0.00635
Musketeer Energy Ltd.	9.98500
Northern Development Company Limited	0.31750
Paloma Petroleum Ltd.	0.63400
Suncor Inc.	21.11300
Texaco Canada Resources	66.36300
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.10 W5M



T.50

ERCB

UNIT OPERATOR- TEXACO CANADA RESOURCES

AREA OF CHANGE EFFECTIVE 1 MARCH 1973

CYNTHIA CARDIUM UNIT NO. 5

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 November 1975

Participation Revised - 1 May 1986

*Unitized Zone - Cardium Formation

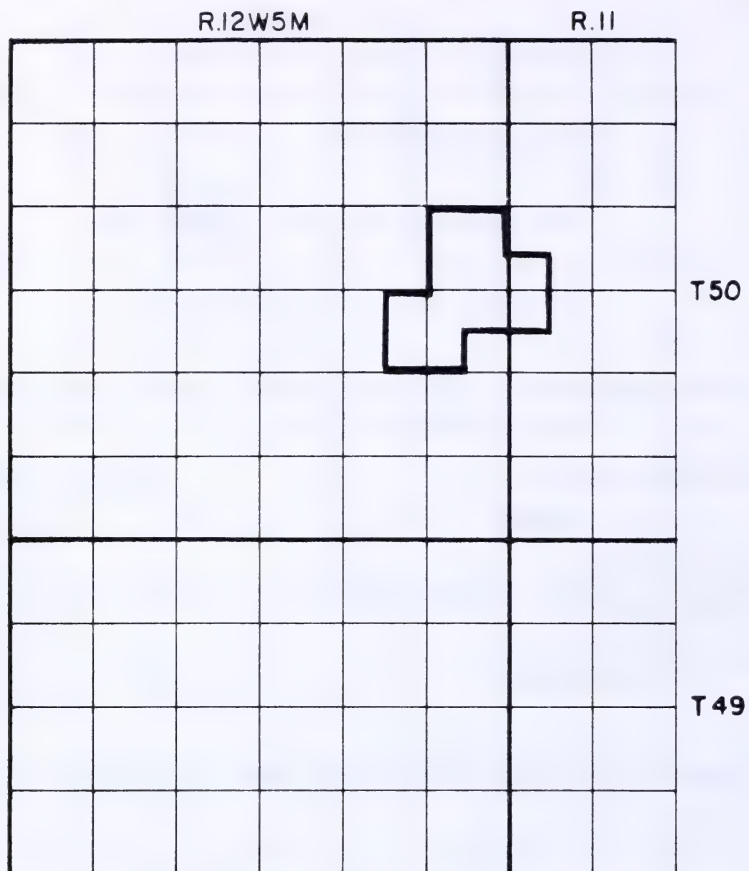
*Unitized Substances - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Calgary Crude Oil Limited	22.63516
Canterra Energy Ltd.	11.31758
Duke Seabridge Limited	5.65879
Genesis Resources Ltd.	0.18103
Texaco Canada Resources	54.72968
Woodbend Oil & Gas Ltd.	5.47776
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CYNTHIA CARDIUM UNIT NO.5

INITIAL EFFECTIVE DATE — NOVEMBER 1, 1975

UNIT OPERATOR — TEXACO CANADA RESOURCES

CYNTHIA EAST UNIT

Unit Operator - Petro Canada Inc.

Initial Effective Date - 1 September 1964

Participation Revised - 1 February 1986

*Unitized Zone - Cardium Formation

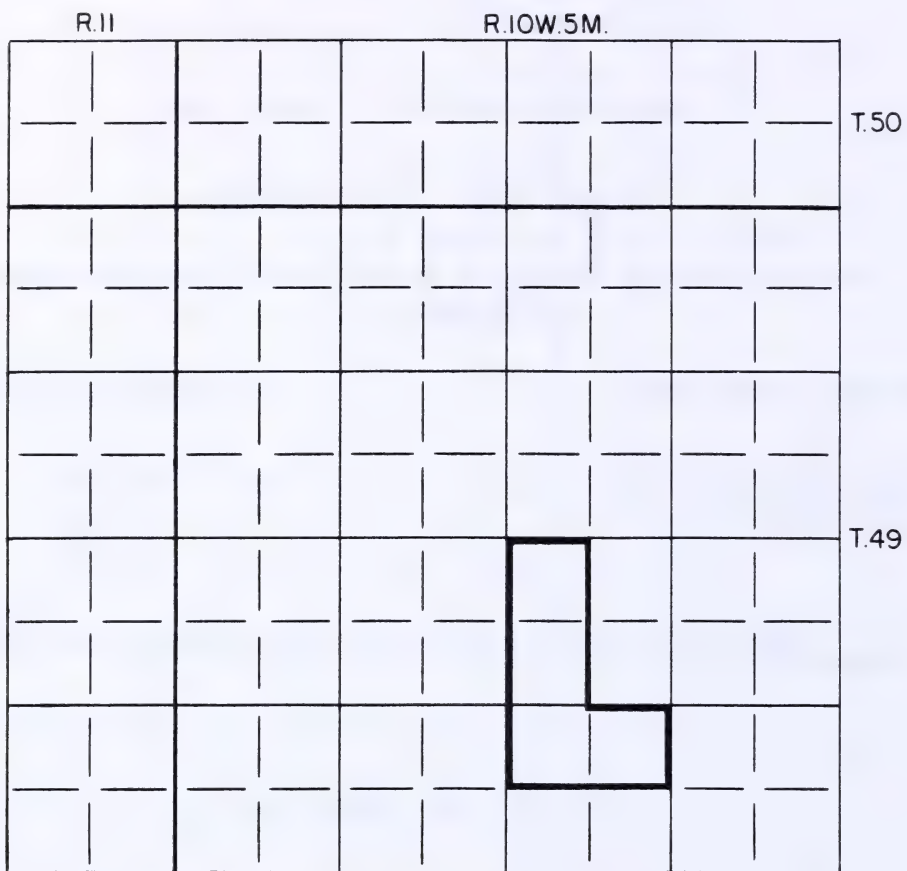
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Dekalb Mining Corporation	40.00
Petro-Canada Inc.	50.00
Shell Canada Limited	10.00
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CYNTHIA EAST UNIT

UNIT OPERATOR - PETRO-CANADA INC.

INITIAL EFFECTIVE DATE — SEPTEMBER 1, 1964

DAVID LLOYDMINSTER "C" WATERFLOOD UNIT NO. 1

Unit Operator - Conoco Canada Limited

Initial Effective Date - 1 December 1985

*Unitized Zone - Lloydminster Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Conoco Canada Limited

100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a standard 6x6 grid pattern, with 1 at the bottom-left and 36 at the top-right. A path of cells is highlighted with a thick black border, starting from cell 26 and ending at cell 30. The path consists of the following cells: 26, 27, 28, 29, and 30.

DAVID LLOYDMINSTER 'C' WATERFLOOD UNIT NO.1



INITIAL EFFECTIVE DATE- 1 DECEMBER 1985

UNIT OPERATOR- CONOCO CANADA LIMITED

DEER MOUNTAIN UNIT NO. 1

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 February 1963

Participation Revised - 1 August 1986

*Unitized Zone - Swan Hills Member

*Unitized Substance - Crude oil, natural gas and other hydrocarbons
(except coal)

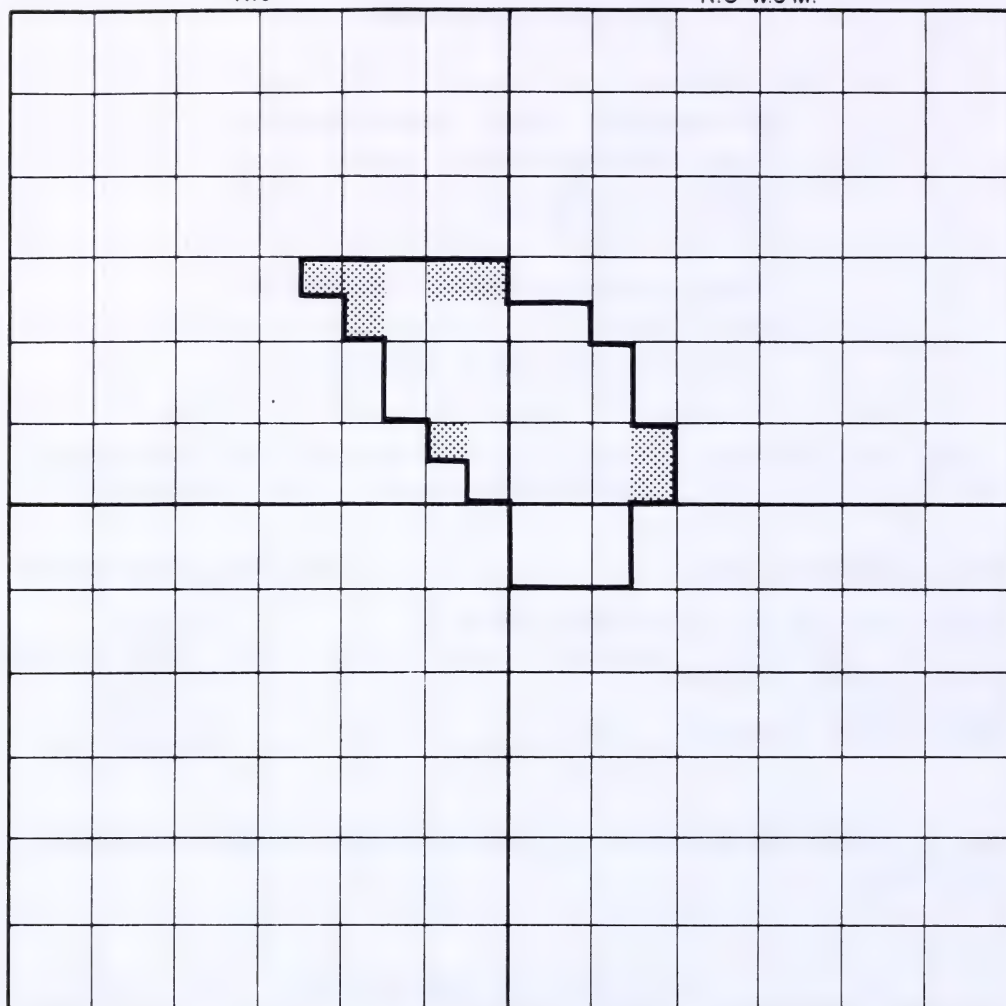
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Hudson's Bay Oil and Gas Company Limited	19.97258
Mobil Oil Canada, Ltd.	1.14327
Pembina Resources Limited	12.29076
Petro-Canada Inc.	1.14327
Texaco Canada Resources	65.45012
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R.9

R.8 W.5 M.

**DEER MOUNTAIN UNIT NO.1**

INITIAL EFFECTIVE DATE - 1 FEBRUARY 1963

UNIT OPERATOR- TEXACO CANADA RESOURCES

AREA OF CHANGE EFFECTIVE - 1 JUNE 1965



DEER MOUNTAIN UNIT NO. 2

Unit Operator - Ranchmen's Resources Ltd.

Initial Effective Date - 1 November 1984

Participation Revised - 1 February 1986

*Unitized Zone - Swan Hills Member

*Unitized Substances - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Mobil Oil Canada, Ltd.	2.1311
Murphy Oil Company Ltd.	3.7300
Petro-Canada Inc.	1.0717
Ranchmen's Resources Ltd.	83.2830
Saskoil Resources Inc.	1.1590
Strathfield Oil & Gas Ltd.	5.1616
Turalta Exploration Limited	1.7205
223929 Alberta Ltd.	1.7431
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 9		R.8W5M				
	6	5	4	3	2	T.69
36	31		33	34	35	
25	30	29	28	27	26	T.68
	19	20	21		23	
13	18	17	16	15	14	
12	7	8	9	10	11	

DEER MOUNTAIN UNIT NO. 2



INITIAL EFFECTIVE DATE- 1 NOVEMBER 1984

UNIT OPERATOR- RANCHMEN'S RESOURCES LTD

DELBURNE GAS UNIT

Unit Operator - Altex Resources Ltd.

Initial Effective Date - 23 December 1972

Participation Revised - 1 August 1984

*Unitized Zone - Belly River, Viking, Glauconite, and Basal Quartz Formations

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Altex Resources Ltd.	34.27888
Amerada Mineral Corporation of Canada Ltd.	2.32855
Articana Resources Ltd.	0.11740
BP Exploration Canada Limited	8.93215
Canadian Occidental Petroleum Ltd.	3.58520
Chevron Canada Resources Limited	0.90915
Delburne, Village of	0.13340
Gamble, J. O.	0.09930
Gulf Canada Resources Inc.	15.38303
Hudson's Bay Oil and Gas Company Limited	4.65523
Jensen, J. O.	0.30340
Kerr-McGee Corporation	3.12431
Kobluk, A.	0.00470
Little, W. C.	0.11940
Manning, J. C., Estate of	1.33880
Maraval Resources Ltd.	0.01820
Natomas Exploration of Canada, Ltd.	6.35634
Netherlands Investment Company of Canada Limited	0.05730
PanCanadian Petroleum Limited	12.33118
Quadra Oils Limited	0.05870
Red Deer, County of	0.01110
Rode, P. F. & Madvid, E. M.	0.83510
Saley-Ruzycki	0.00940
Smith, M. C.	0.13860
Suncor Inc.	0.29400
Texas Pacific Oil Company, Inc.	2.19088
Wainoco Oil & Gas Limited	2.32760
Westbank Oils Limited	0.05870
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

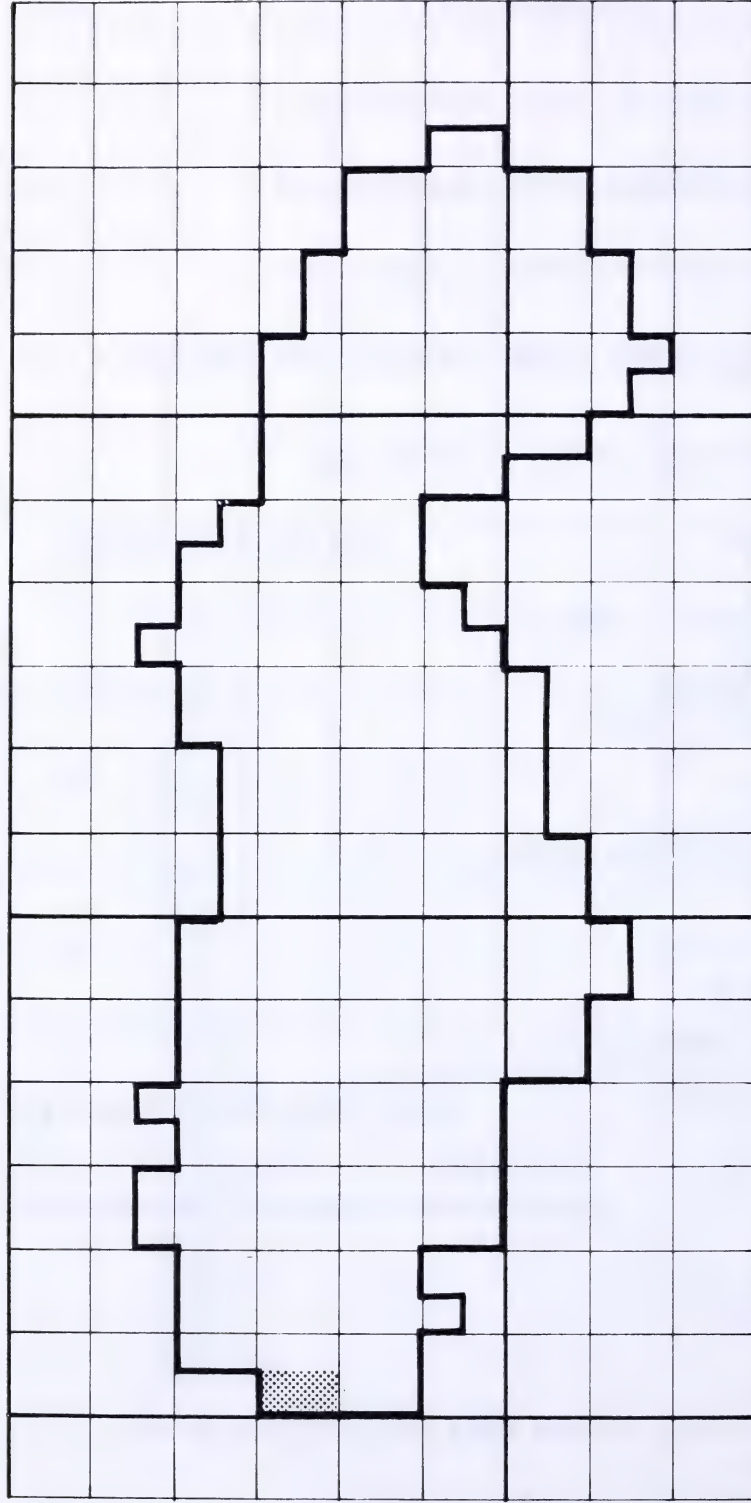
R. 24

R. 23

R 22 W 4 M


T 37

T 36



DELBURNE GAS UNIT

INITIAL EFFECTIVE DATE -- DECEMBER 23, 1972

AREA OF CHANGE EFFECTIVE -- AUGUST 1, 1984 

UNIT OPERATOR -- ALTEX RESOURCES LTD

DEVONIA LAKE UNIT NO. 1

Unit Operator - Husky Oil Operations Ltd.

Initial Effective Date - 1 June 1971

Unitized zone - Sparky and G.P. Sands Formations

Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Husky Oil Operations Ltd.

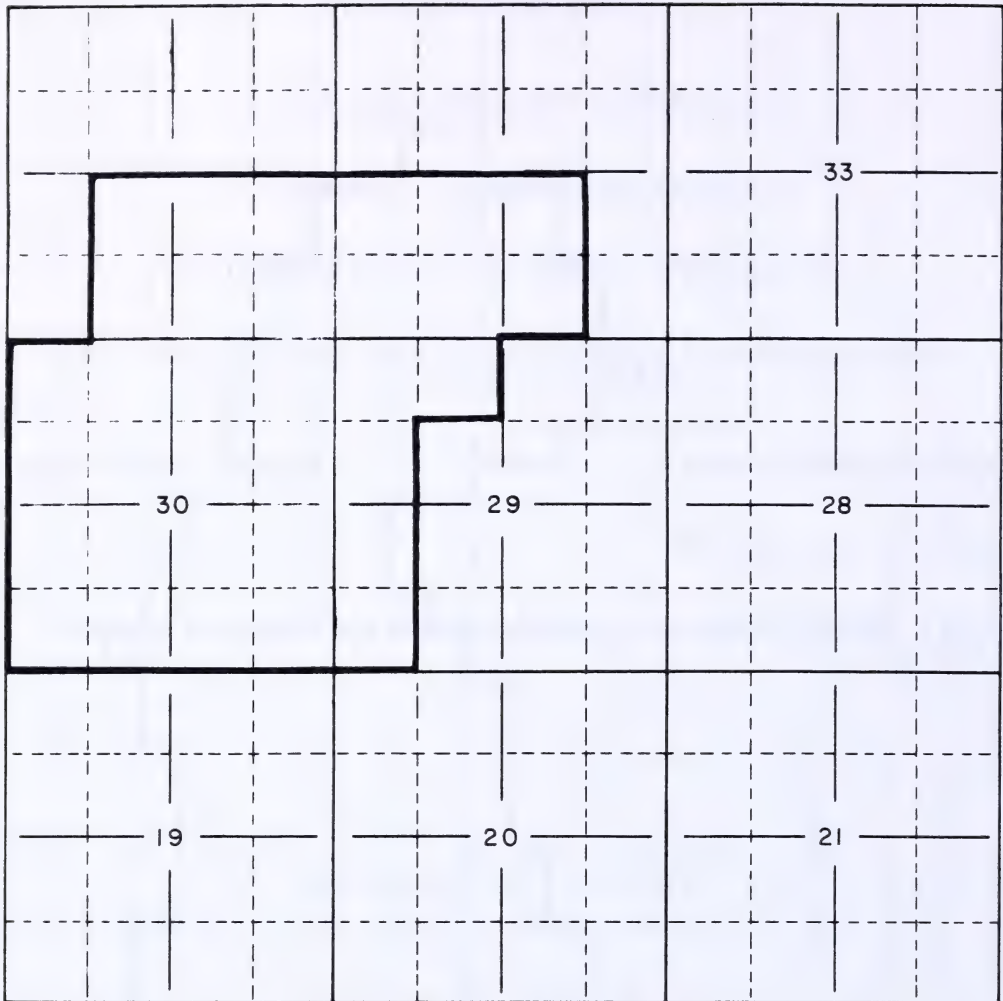
100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

RIW4M



T.49

DEVONIA LAKE UNIT NO.1



INITIAL EFFECTIVE DATE - 1 JUNE 1971

UNIT OPERATOR - HUSKY OIL OPERATIONS LTD.

DONALDA UNIT

Unit Operator - Husky Oil Operations Ltd.

Initial Effective Date - 29 October 1971

Participation Revised - 31 January 1985

*Unitized Zone - Viking, Basal Quartz, Glauconite and Detrital Formations

*Unitized Substance - Natural gas and other hydrocarbons (except crude oil and coal)

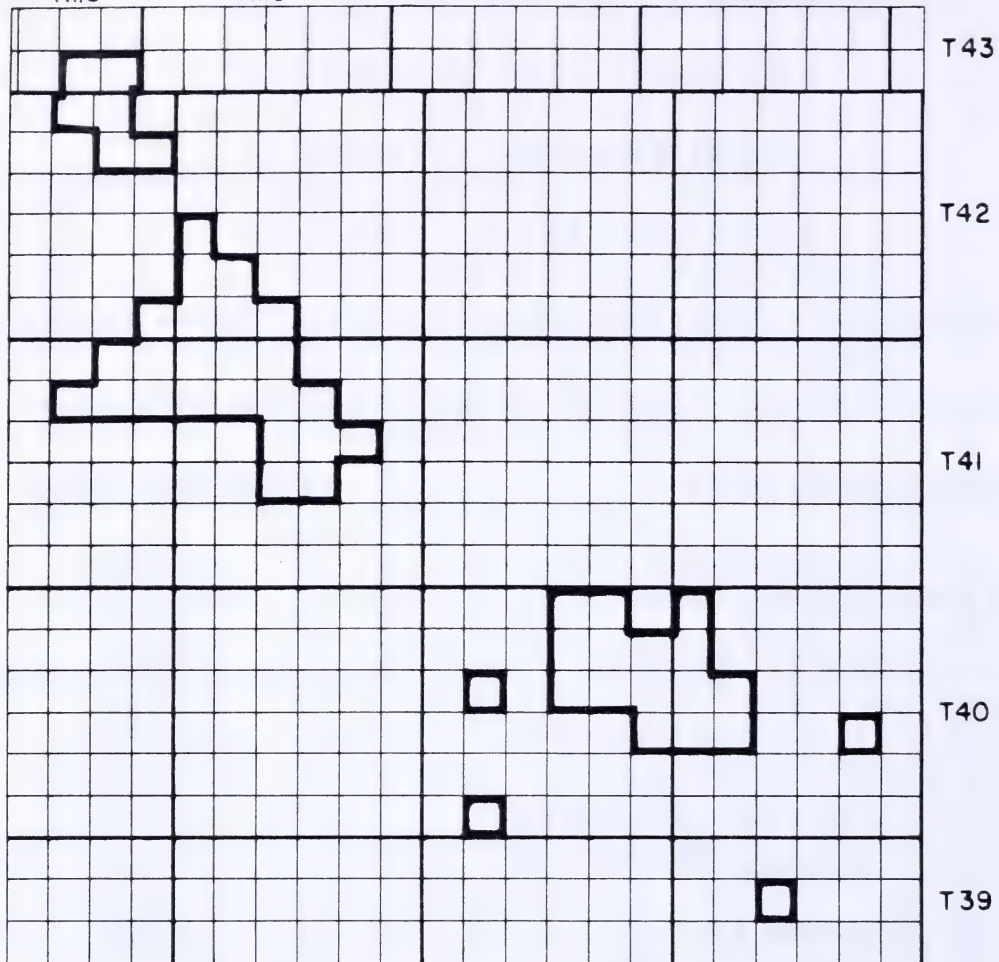
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bibler Oil & Gas Exploration Ltd.	1.6783703
BP Resources Canada Limited	0.5020264
Butte Oil & Gas Ltd.	1.8648733
Carillon Industries Limited	0.0319562
Colonial Oil & Gas Limited	5.5946192
Conventures Limited	0.0639124
Crown Central Petroleum Corporation	0.3222025
Dome Petroleum Limited	0.2564302
Esso Resources Canada Limited	1.3698705
Harrington Oil & Gas Exploration Ltd.	1.6783703
Hudson's Bay Oil and Gas Company Ltd.	5.2711268
Husky Oil Operations Ltd.	55.1352035
Jabal Ltd.	0.2583170
Jethro Development Ltd.	0.6208310
Mobil Oil Canada Ltd.	6.0650533
Musketeer Energy Ltd.	2.8820490
Norcen Energy Resources Limited	6.8389899
North Central Oil Corporation	0.3222026
Novalta Resources Ltd.	3.7297459
Paloma Petroleum Ltd.	0.1369552
PanCanadian Petroleum Limited	0.2629298
Petroterra Natural Resources Ltd.	3.8188000
Plains Petroleums Limited	0.1905128
Ranger Oil Limited	0.6226683
SPG Exploration Corp.	0.3222025
Unicorp Resources Ltd.	0.0958687
Westcoast Petroleum Ltd.	0.0639124
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.16W4M



DONALDA UNIT

UNIT OPERATOR - HUSKY OIL OPERATIONS LTD

AREA OF CHANGE EFFECTIVE - JUNE 1, 1973

INITIAL EFFECTIVE DATE - OCTOBER 29, 1971

DOROTHY VIKING GAS UNIT NO. 1

Unit Operator - Provo Gas Producers Limited
Initial Effective Date - June 1, 1963
Participation Revised - April 1, 1967

Working Interest Owner

Per Cent Participation

Canadian Fina Oil Limited
Provo Gas Producers Limited

19.82553
80.17447
100.00000

(For Area - See Reverse Side)

Oil and Gas Conservation Board
Calgary, Alberta

DRUMHELLER BASAL QUARTZ GAS UNIT NO. 1

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 November 1968

Participation Revised - 1 April 1983

*Unitized Zone - Basal Quartz Formation

*Unitized Substance - Natural gas and associated hydrocarbons
(except petroleum and coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Atcor Resources Limited	5.68742
Norman L. Easley	0.08203
Hudson's Bay Oil and Gas Company Limited	7.25652
Mobil Oil Canada, Ltd.	11.37482
Musketeer Energy Ltd.	62.82338
Norcen Energy Resources Limited	1.90304
Petro-Canada Exploration Inc.	4.43618
Shell Canada Resources Limited	5.68742
Twin Richfield Oils Ltd.	0.28436
Voyager Petroleum Ltd.	0.19140
Stewart M. Whipple	0.27343
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

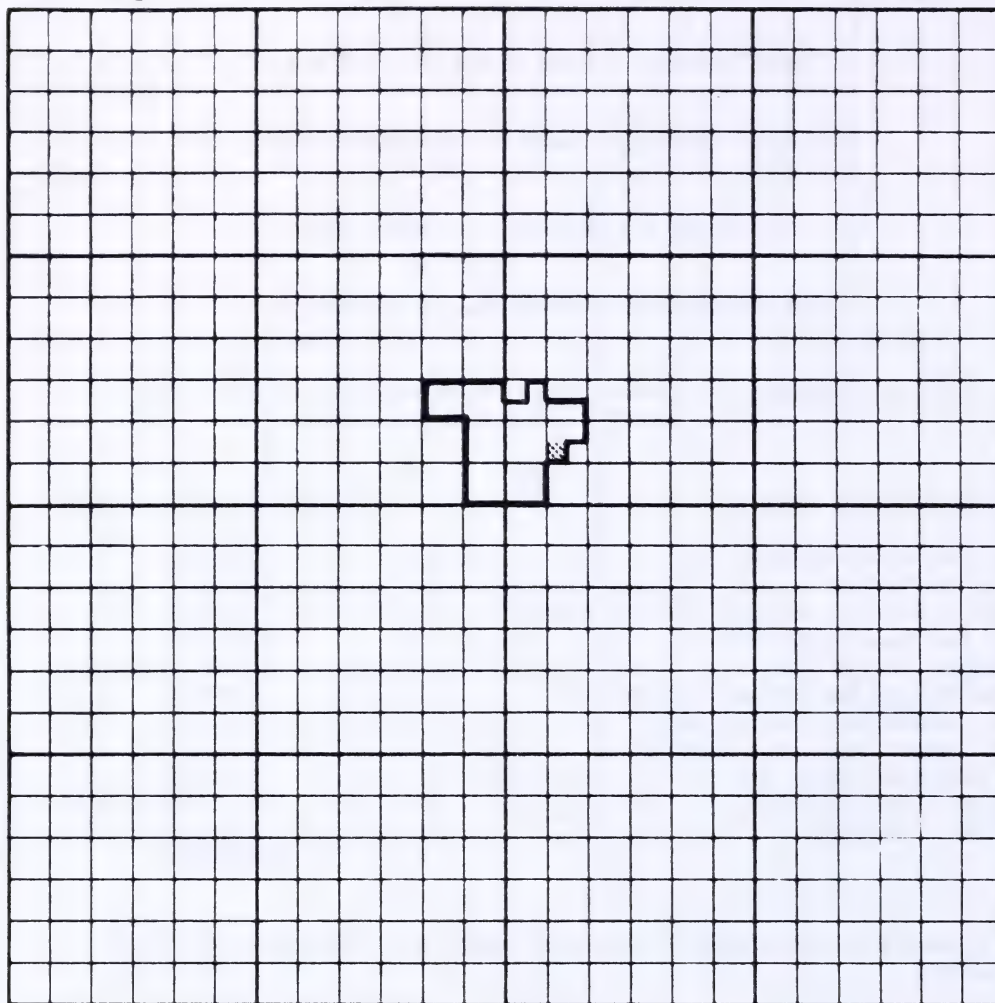
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R 21

R 20


R 19

R 18 W 4 M

**DRUMHELLER BASAL QUARTZ GAS UNIT NO.1**

INITIAL EFFECTIVE DATE - 1 NOVEMBER 1968

UNIT OPERATOR - DOME PETROLEUM LIMITED

AREA OF CHANGE EFFECTIVE - 1 FEBRUARY 1969 **ERCB**

DRUMHELLER NISKU UNIT NO. 2

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 October 1964

Participation Revised - 1 May 1986

*Unitized Zone - Nisku Formation

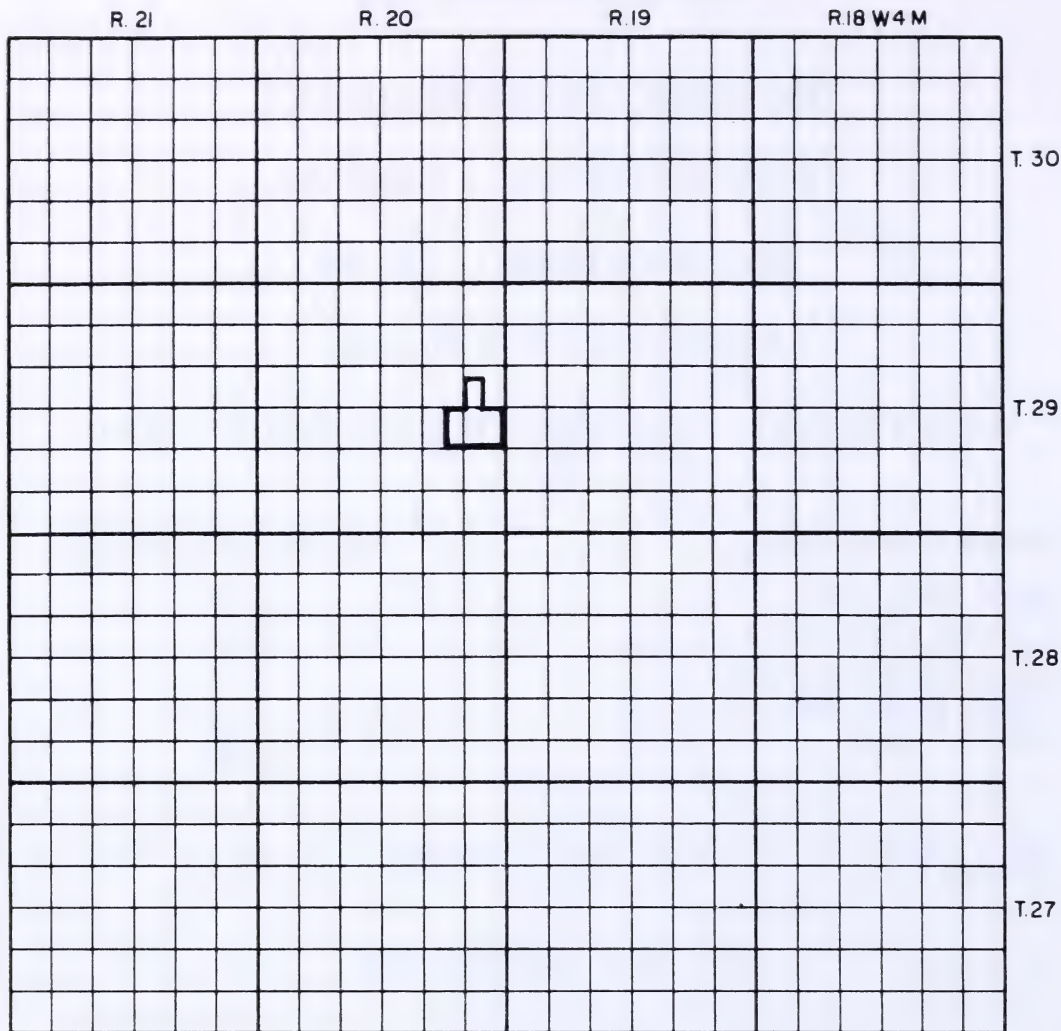
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Norman Lander Easley	1.50
Musketeer Energy Ltd.	50.00
Norcen Energy Resources Limited	34.80
Twin Richfield Oils Ltd.	5.20
Voyager Energy Company	3.50
Steward Whipple	5.00
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



DRUMHELLER NISKU UNIT NO. 2

INITIAL EFFECTIVE DATE - 1 OCTOBER 1964

UNIT OPERATOR - DOME PETROLEUM LIMITED



DRUMHELLER NISKU UNIT NO. 3

Unit Operator - Norcen Energy Resources Limited

Initial Effective Date - 1 October 1976

Participation Revised - 28 February 1985

*Unitized Zone - Nisku Formation

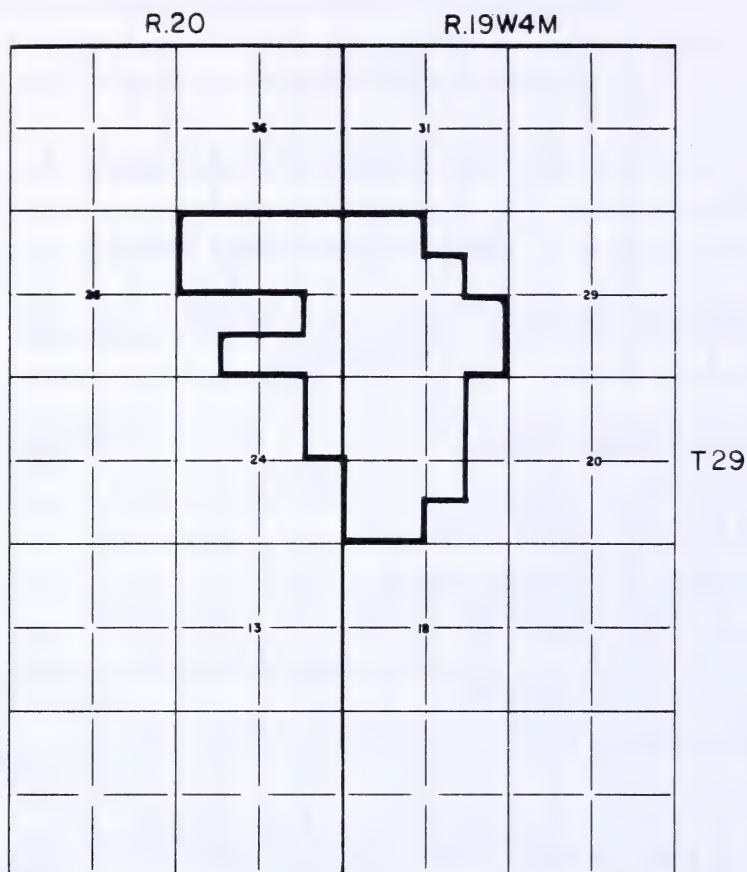
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Dome Petroleum Limited	10.45900
Dyco Petroleum Corporation	9.44735
Gottfred Oils Ltd.	0.28860
Montgomery Exploration Company	0.79365
Norcen Energy Resources Limited	23.31210
Okanagan Petroleums Ltd.	23.31210
Petro-Canada Inc.	10.45900
Provo Gas Producers Ltd.	20.91810
Redwood Oils Limited	0.86580
Wexco Petroleum Ltd.	0.14430
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



DRUMHELLER NISKU UNIT NO. 3

INITIAL EFFECTIVE DATE - OCTOBER 1, 1976

UNIT OPERATOR - NORCEN ENERGY RESOURCES LIMITED

DUHAMEL LEDUC (D-3) UNIT

Unit Operator - Mobil Oil Canada, Ltd.

Initial Effective Date - 1 August 1965

*Unitized Zone - D-3 Zone

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Mobil Oil Canada, Ltd.

100.00000

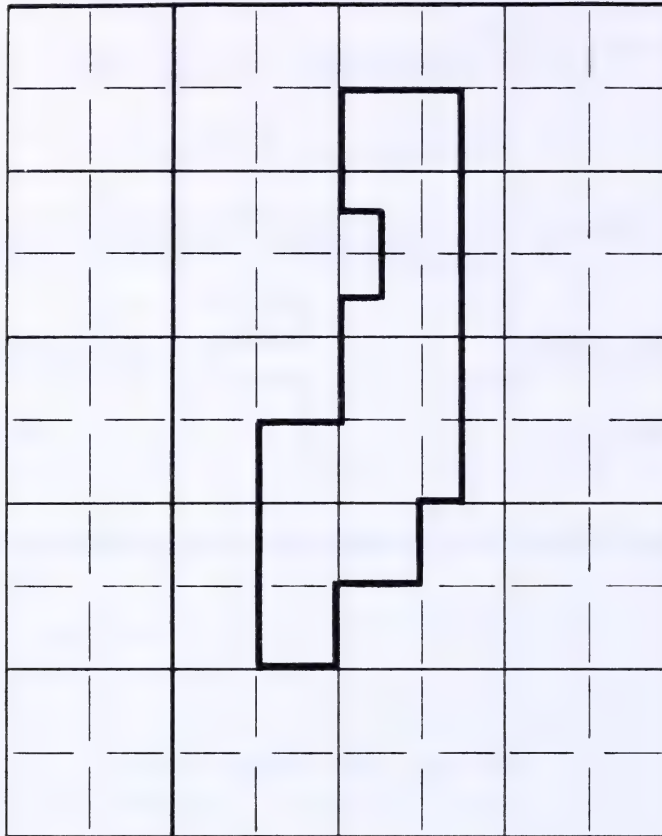
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 22

R. 21W. 4M.



T.45

DUHAMEL LEDUC(D-3) UNIT

INITIAL EFFECTIVE DATE - AUGUST 1, 1965

UNIT OPERATOR - MOBIL OIL CANADA LTD.

DUHAMEL NISKU (D-2) UNIT

Unit Operator - Mobil Oil Canada, Ltd.

Initial Effective Date - 1 August 1965

*Unitized Zone - D-2 Zone

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Mobil Oil Canada, Ltd.

100.0000

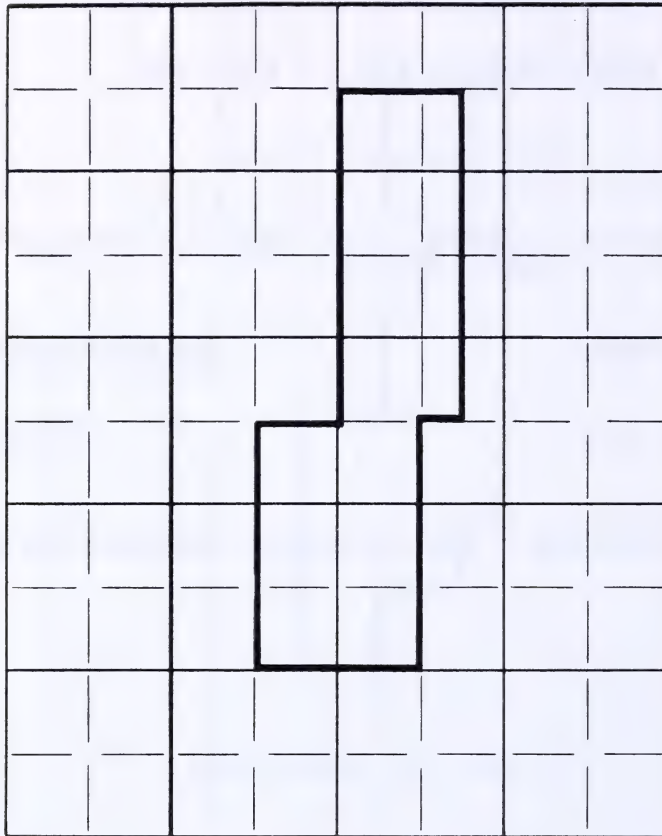
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.21W.4M.

R.21W.4M.



DUHAMEL NISKU(D-2) UNIT

INITIAL EFFECTIVE DATE - AUGUST 1, 1965

UNIT OPERATOR - MOBIL OIL CANADA LTD.

DUNVEGAN GAS UNIT NO. 1

Unit Operator - Anderson Exploration Ltd.

Initial Effective Date - 1 August 1973

Participation Revised - 1 February 1985

*Unitized Zone - Paddy, Cadotte, Notikewin, Bluesky-Bullhead, Upper Debolt, Middle Debolt, and Lower Debolt

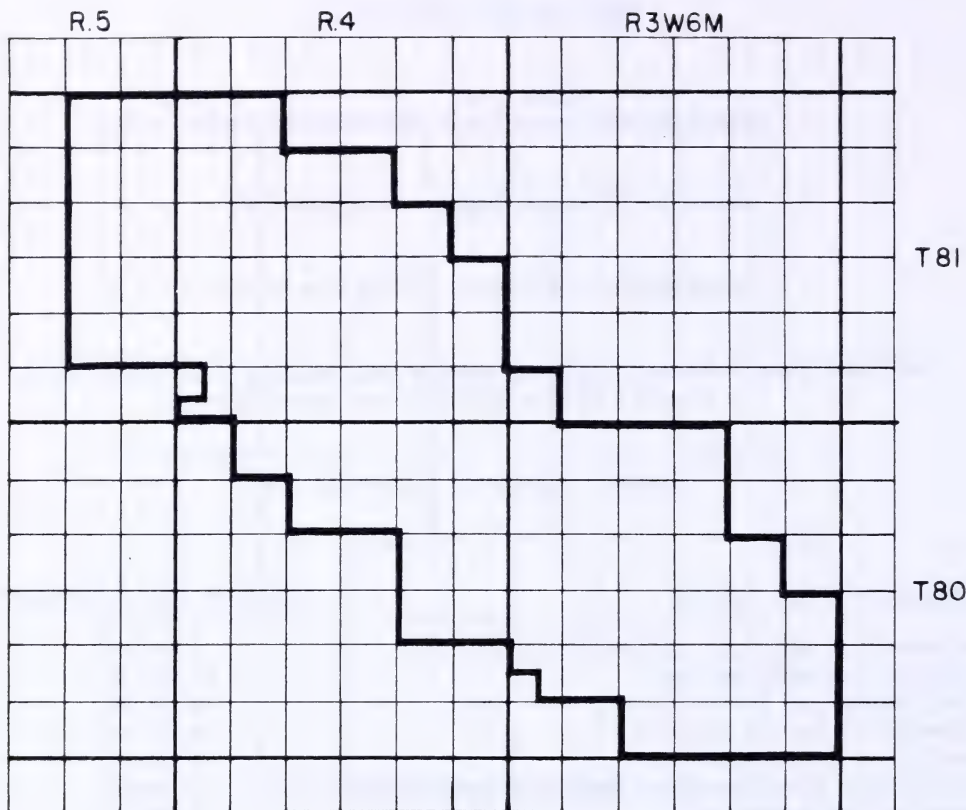
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	4.06024
Anderson Exploration Ltd.	47.49731
Ardec Resources Ltd.	0.55263
Barnwell of Canada Limited	14.24706
Bow Valley Industries Ltd.	0.09307
The British Columbia Sugar Refining Company Limited	1.00000
Colonial Oil & Gas Ltd.	6.44030
Columbia Gas Development of Canada Ltd.	0.58537
Corvair Oils Ltd.	2.38955
DEB Canadian Explorations 1977	1.30440
DEB Canadian Explorations 1978	1.72330
Dome Petroleum Limited	0.09307
Lac Minerals Ltd.	0.50133
Lacana Petroleum Limited	0.94916
Paloma Petroleum Ltd.	4.29354
TN Resources Partnership	1.90594
Trilogy Resource Corporation	0.69999
Union Oil Company of Canada Limited	5.36268
W. F. Brown Exploration Ltd.	3.22015
Yeti Contractors Ltd.	0.50133
119307 Exploration Ltd.	2.57958
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



DUNVEGAN GAS UNIT NO. 1

INITIAL EFFECTIVE DATE — AUGUST 1, 1973

UNIT OPERATOR — ANDERSON EXPLORATION LTD.

EAST BUFFALO LAKE LEDUC UNIT

Unit Operator - BP Exploration Canada Limited

Initial Effective Date - 1 August 1970

Participation Revised - 1 November 1978

*Unitized Zone - Leduc Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Exploration Canada Limited	31.32144
Esso Resources Canada Limited	30.90535
Hudson's Bay Oil and Gas Company Ltd.	37.77321
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 20W. 4M.

A 6x6 grid with a 2x1 rectangle highlighted in the third row, second column.

T. 39

INITIAL EFFECTIVE DATE - AUGUST 1, 1970

UNIT OPERATOR - B.P. EXPLORATION CANADA LIMITED.

EAST CROSSFIELD UNIT

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 1 March 1964

Participation Revised - 1 June 1986

*Unitized Zones - Elkton and Crossfield Formations

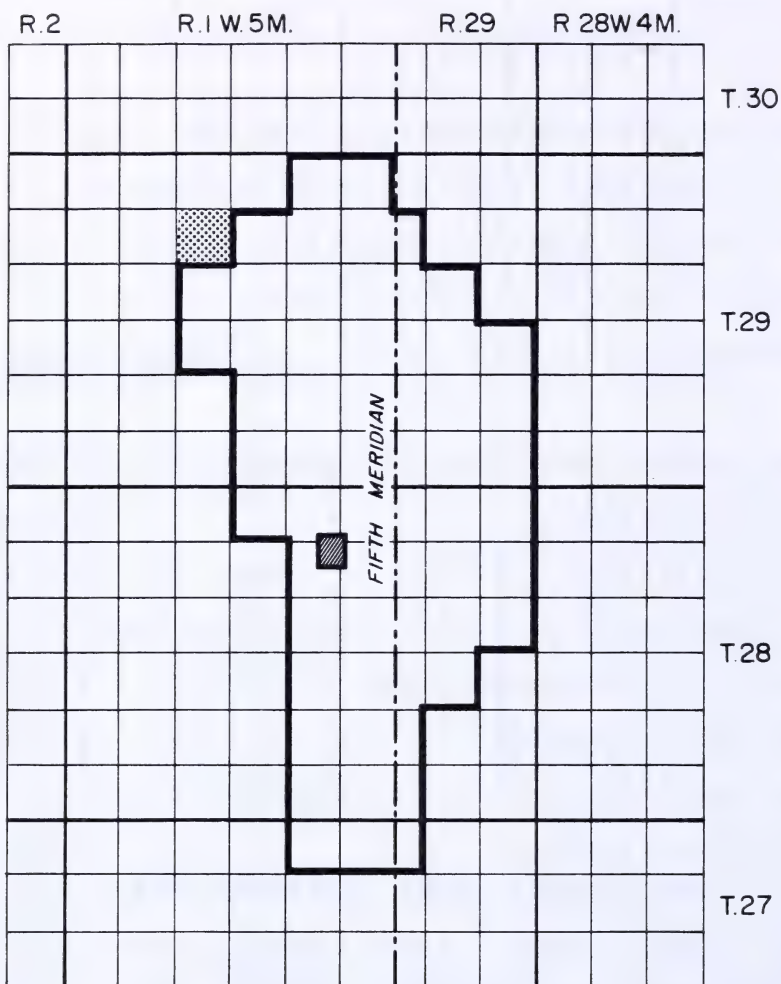
*Unitized Substance - Condensate, gas and other hydrocarbons (except crude oil and coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>	
	<u>Elkton</u>	<u>D-1 (Crossfield)</u>
Amoco Canada Petroleum Company Ltd.	67.051692	39.01684
Bow Valley Industries Ltd.	0.655570	-
B.P. Resources Canada Limited	-	0.78628
Canadian Occidental Petroleum Ltd.	-	0.74596
Canadian Superior Oil Ltd.	4.986094	30.93459
Esso Resources Canada Limited	1.374657	2.72605
Gulf Canada Corporation	1.574096	3.01701
Home Oil Company Limited	0.107604	1.00558
Hudson's Bay Oil and Gas Company Limited	0.965841	4.82417
Mobil Oil Canada Ltd.	-	0.74596
Norcen Energy Resources Limited	-	0.42275
PanCanadian Petroleum Limited	0.729184	3.75806
Pembina Pipe Line Ltd.	0.655570	-
Petro-Canada Inc.	3.042884	0.83084
Placer CEGO Petroleum Limited	-	0.53670
Scurry-Rainbow Oil Ltd.	1.466219	1.61187
Suncor Inc.	-	0.82398
Texaco Canada Resources	15.810910	7.72232
Unocal Canada Limited	0.147520	0.15215
Vanguard Petroleum Ltd.	1.419645	0.33184
Wray, Arthur H.	0.012514	0.00705
	100.000000	100.00000

* For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta




EAST CROSSFIELD UNIT

INITIAL EFFECTIVE DATE - MARCH 1, 1964

SEE UNIT AGREEMENT FOR DETAILS 

UNIT OPERATOR- AMOCO CANADA PETROLEUM COMPANY LTD.

AREA OF CHANGE EFFECTIVE - SEPTEMBER 1, 1968 - 

EAST SWAN HILLS UNIT

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 June 1967

Participation Revised - 1 April 1986

*Unitized Zone - Swan Hills Member

*Unitized Substance - Crude oil, natural gas and other hydrocarbons
(except coal)

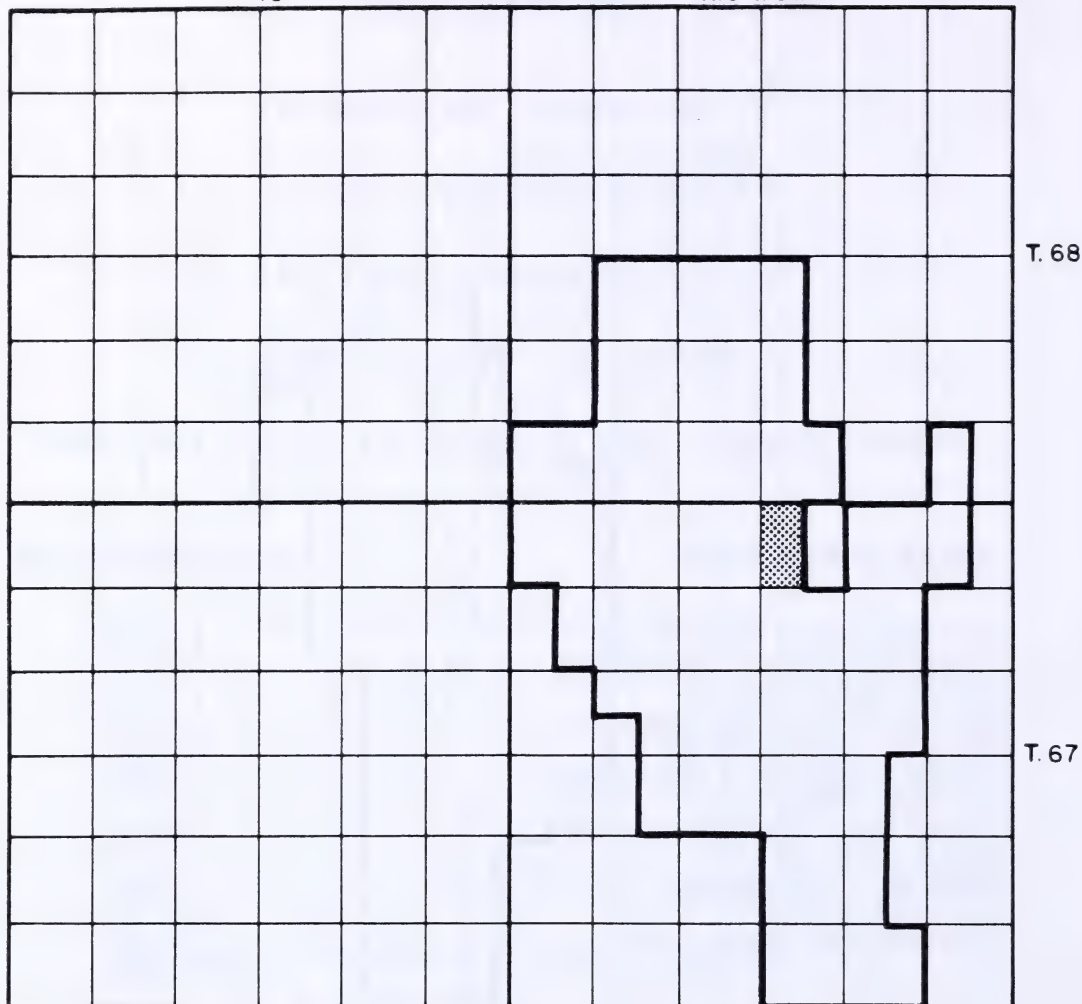
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Reserve Oil & Gas Ltd.	8.29143
Comaplex Resources International Ltd.	2.67778
Denison Mines Limited	1.03802
Harvard International Resources	1.06214
Mobil Oil Canada Limited	37.79379
Monsanto Oils Ltd. & Monsanto Co.	1.08890
Musketeer Energy Ltd.	0.66133
Norcen Energy Resources Limited	0.39680
Norpet Oil & Gas Ltd.	2.67778
Numac Oil & Gas Limited	1.03802
Petro-Canada Inc.	42.21186
Plainsman Exploration Ltd.	1.06215
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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**ERCB**

AREA OF CHANGE EFFECTIVE-1 FEBRUARY 1972



EAST TABER MANNVILLE "D" UNIT NO. 1

Unit Operator - Chevron Canada Resources Limited

Initial Effective Date - 1 January 1971

Participation Revised - 1 March 1984

*Unitized Zone - Mannville "D" Formation

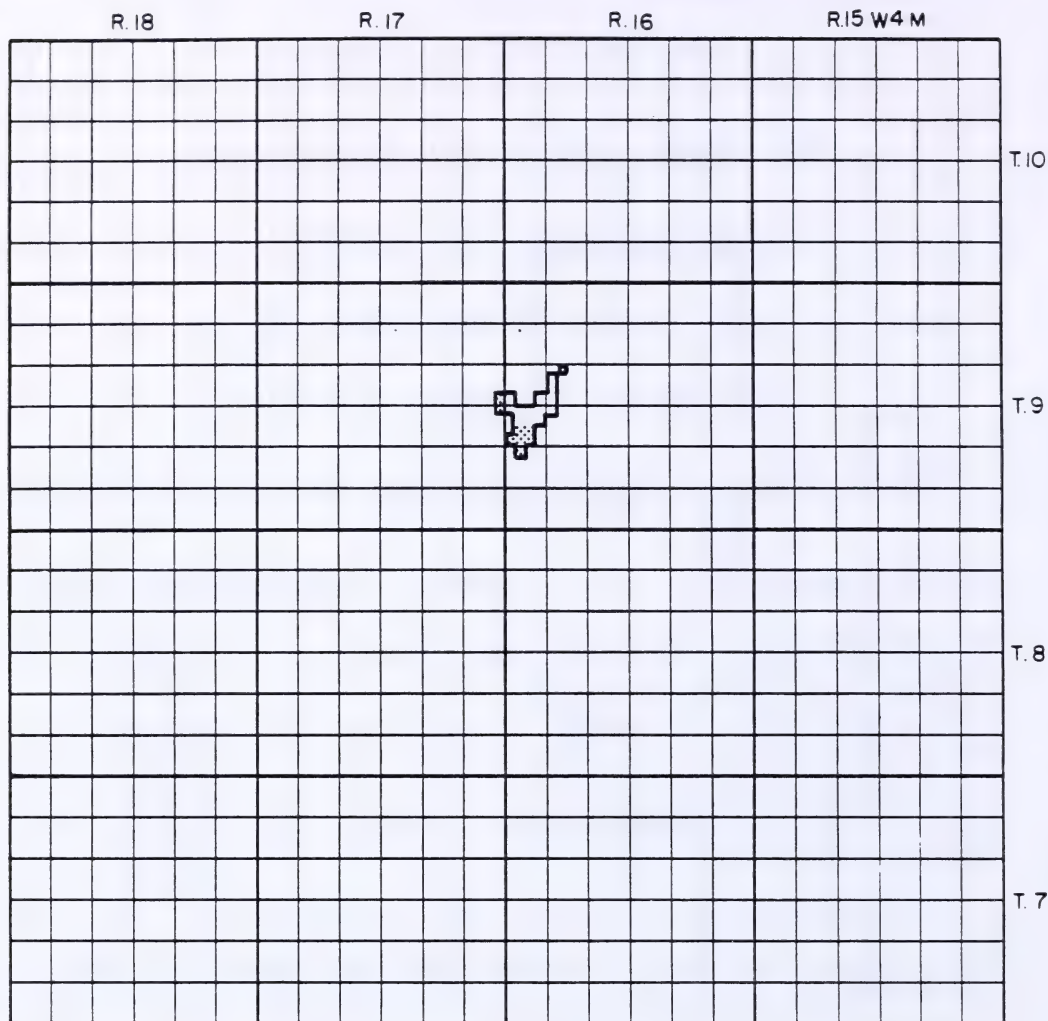
*Unitized Substance - Petroleum, natural gas and related hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Anadarko Petroleum of Canada Ltd.	4.25882
Bluesky Oil & Gas Ltd.	0.34165
Canadian Hunter Exploration Ltd.	5.93434
Chevron Canada Resources Limited	82.68000
Domtar Energy Inc.	0.25801
Esso Resources Canada Limited	1.49471
Koch Exploration Canada, Ltd.	2.82500
Norcen Energy Resources Limited	1.69500
Petromak Minerals Ltd.	0.51247
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)


ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



EAST TABER MANNVILLE D UNIT NO.1

INITIAL EFFECTIVE DATE - 1 JANUARY 1971

UNIT OPERATOR - CHEVRON CANADA RESOURCES LTD.

AREA OF CHANGE EFFECTIVE - 1 SEPTEMBER 1976 

ERCB

EAST TABER MANNVILLE "D" UNIT NO. 2

Unit Operator - Chevron Canada Resources Limited

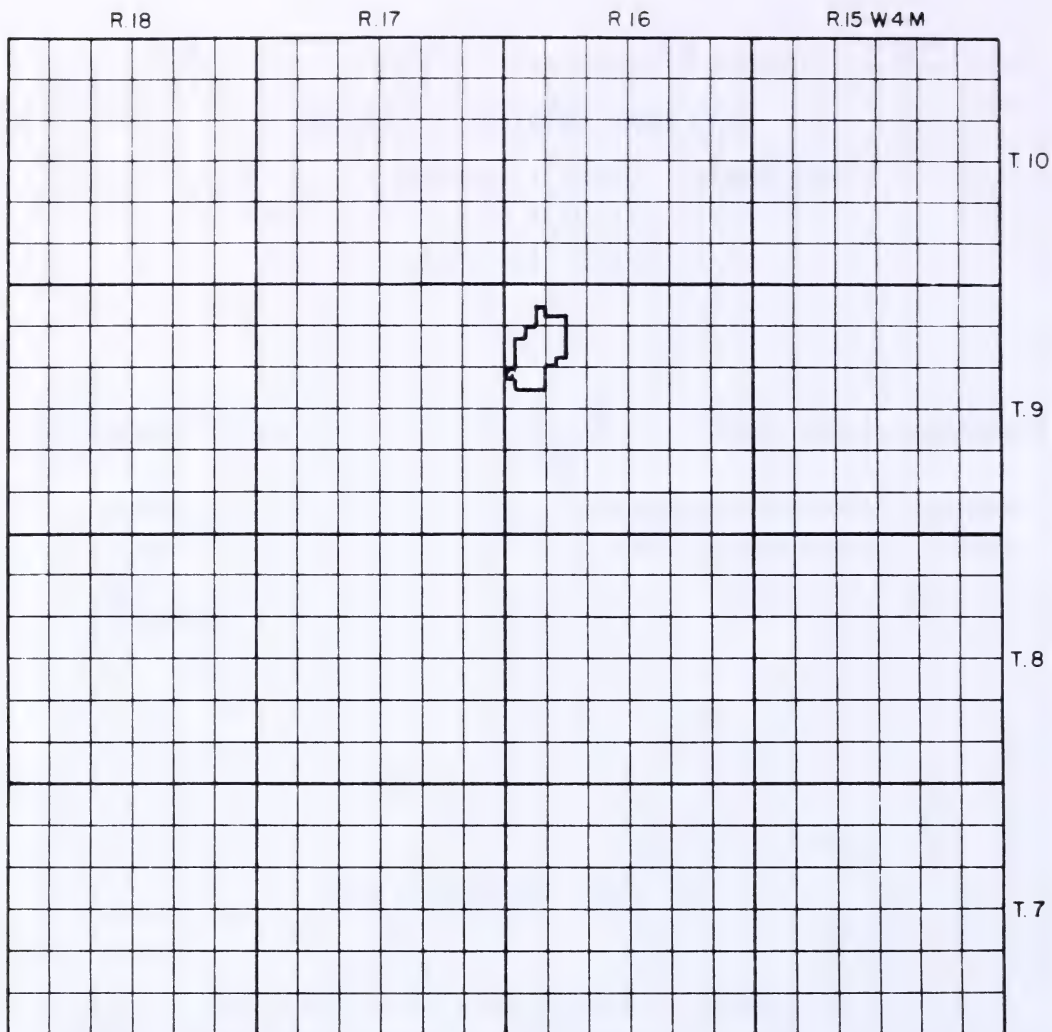
Initial Effective Date - 1 August 1973

Participation Revised - 1 May 1983

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Anadarko Petroleum of Canada Ltd.	44.90249
Chevron Canada Resources Limited	7.15142
Star Oil & Gas Ltd.	<u>47.94609</u>
	100.00000

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



EAST TABER MANNVILLE D UNIT NO.2



INITIAL EFFECTIVE DATE - 1 AUGUST 1973

UNIT OPERATOR - CHEVRON CANADA RESOURCES LTD.

AREA OF CHANGE EFFECTIVE - 1 JULY 1976 

EAST TABER MANNVILLE "D" UNIT NO. 3

Unit Operator - Anadarko Petroleum Of Canada Ltd

Initial Effective Date - 1 March 1980

Working Interest Owner

Per Cent Participation

Anadarko Petroleum of Canada Ltd	61.00189
Felmont Oils Corporation	12.36316
Norcoen International Ltd	13.52416
Placer Cego Petroleum Limited	4.86868
Soeptre Oils Ltd	8.24211
	<u>100.00000</u>

(For Area - See Reverse Side)

A 10x10 grid with a black path. The path starts at the top-left corner (0,0), goes right to (5,0), then down to (5,5), then right to (8,5), then up to (8,9), then left to (0,9), then down to (0,5), then right to (3,5), then down to (3,2), then right to (5,2), then down to (5,0). The numbers are placed as follows: 5 at (2,9), 29 at (2,0), 32 at (3,5), 33 at (6,5), and 28 at (8,0).

INITIAL EFFECTIVE DATE—MARCH 1, 1980



EDSON CARDIUM "B" UNIT NO. 1

Unit Operator - Champlin Canada Ltd.

Initial Effective Date - 1 October 1965

Participation Revised - 1 May 1984

*Unitized Zone - Cardium B Zone

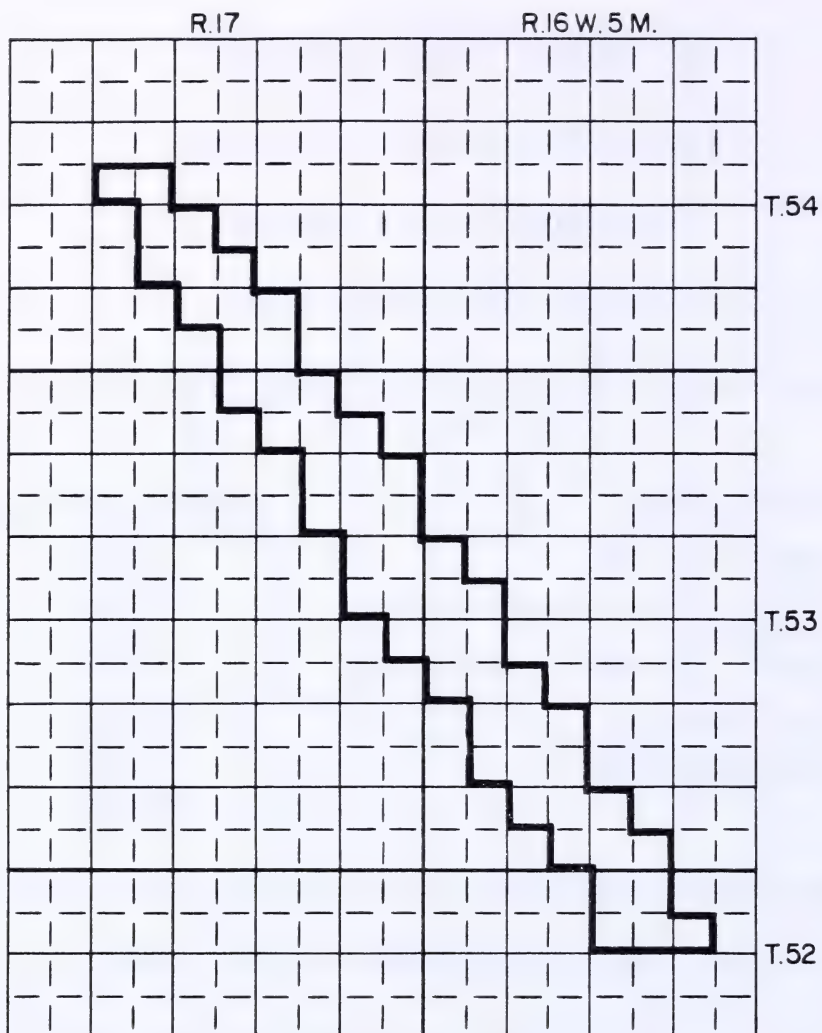
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	5.70797
Champlin Canada Ltd.	26.94065
Hudson's Bay Oil and Gas Company Limited	11.88920
Numac Oil & Gas Ltd.	1.62096
Petro-Canada Inc. (In Trust for Petro-Canada Ventures)	4.42993
Plainsman Exploration Ltd.	17.96027
Texas Pacific Oil Canada Ltd.	26.94065
Texaco Canada Resources Ltd.	4.51037
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



EDSON CARDIUM B UNIT NO. 1

INITIAL EFFECTIVE DATE - OCTOBER 1, 1965

UNIT OPERATOR - CHAMPLIN CANADA LTD.

EDSON GAS UNIT NO. 1

Unit Operator - Hudson's Bay Oil & Gas Company Limited

Initial Effective Date - 1 September 1968

Participation Revised - 1 June 1986

*Unitized Zone - Elkton Shunda Formation

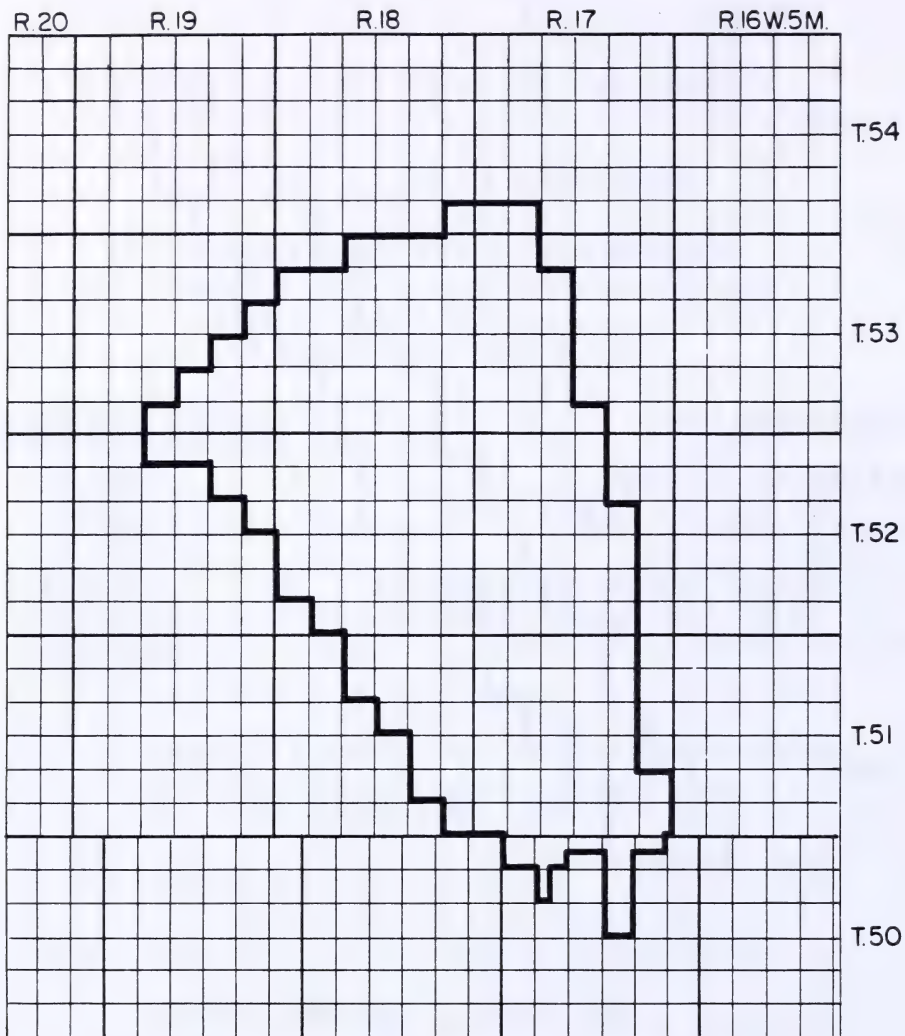
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Altana Exploration Company	0.8037951
Amoco Canada Petroleum Company Ltd.	8.2709052
BP Resources Canada Limited	18.2904555
Gulf Canada Corporation	7.2200259
Hamilton Brothers Canadian Gas Company Ltd.	4.3160892
Hudson's Bay Oil & Gas Company Limited	34.7939291
Royal Trust Corporation of Canada	26.3048000
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



EDSON GAS UNIT NO.1



INITIAL EFFECTIVE DATE - 1 SEPTEMBER 1968

UNIT OPERATOR- HUDSON'S BAY OIL & GAS COMPANY LIMITED

ELNORA GAS UNIT

Unit Operator - Kerr-McGee Corporation

Initial Effective Date - 1 September 1973

Participation Revised - 1 December 1985

*Unitized Zone - Belly River, Glauconite and Basal Quartz Formations

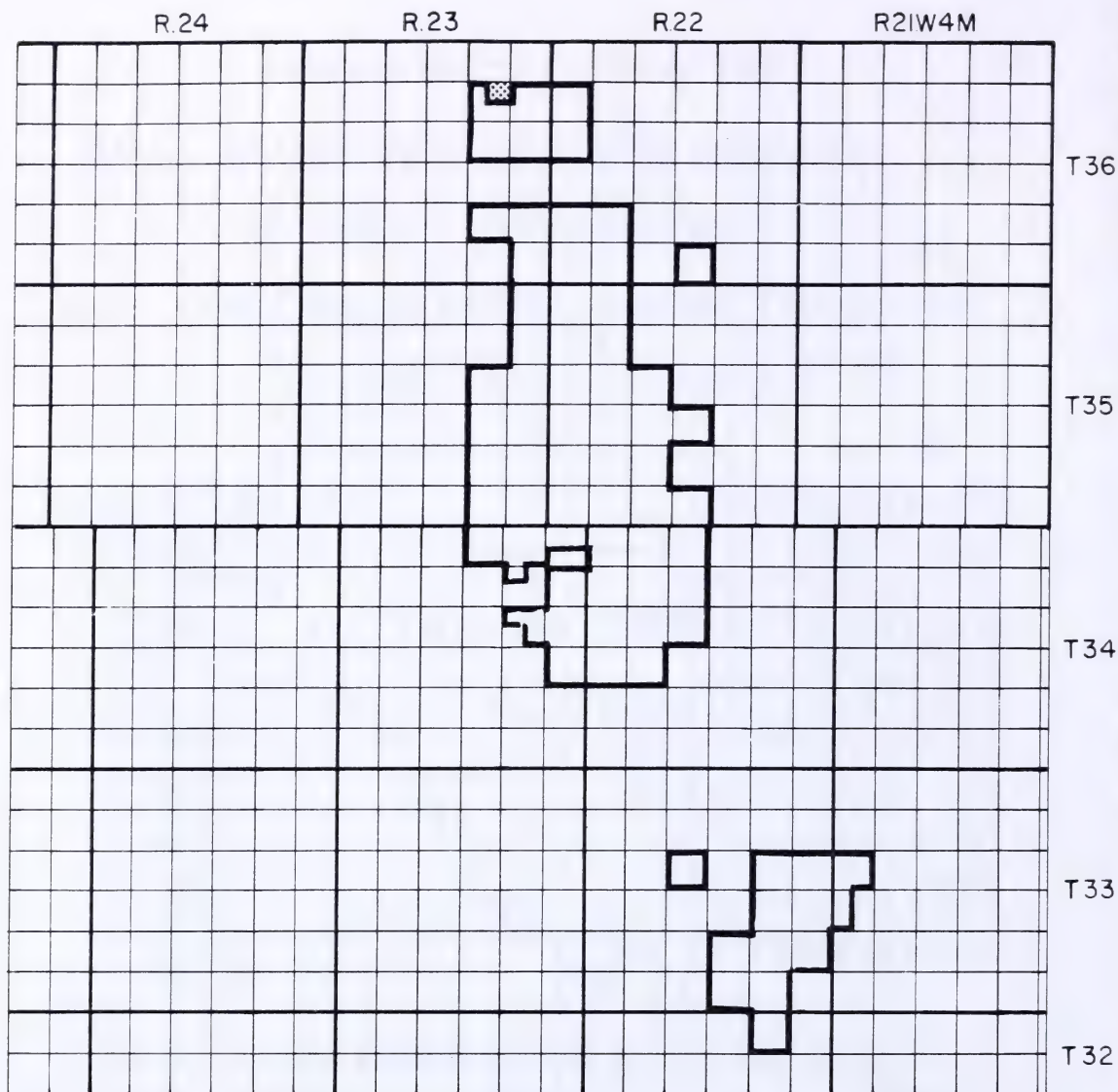
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
American Natural Gas Production Company	0.3282
BP Exploration Canada Ltd.	0.0623
Chevron Canada Resources Limited	0.1831
Diamond Shamrock Exploration of Canada, Ltd.	30.4976
Home Oil Company Ltd.	0.3309
J. M. Huber Corporation	2.3278
Hudson's Bay Oil & Gas Company Limited	1.3110
Kerr-McGee Corporation	40.1726
Mobil Oil Canada	0.2711
Estate of Edwin H. Mosler Jr.	2.0387
Numac Oil and Gas Ltd.	0.0096
PanCanadian Petroleum Ltd.	20.6738
Ranger Oil Limited	0.2842
Sceptre Resources Limited	0.3282
Tricentrol Oils Limited	0.3281
Unicorp Resources Ltd.	0.8528
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



ELNORA GAS UNIT

INITIAL EFFECTIVE DATE — SEPTEMBER 1, 1973

UNIT OPERATOR — KERR — MCGEE CORPORATION

AREA OF CHANGE EFFECTIVE SEPTEMBER 1, 1973 

ENCHANT GAS UNIT

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 15 August 1974

Participation Revised - 1 April 1986

*Unitized Zone - Bow Island, Basal Colorado, and Glauconite Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Anadarko Petroleum of Canada Ltd.	5.61436
Bibler Oil & Gas Exploration Ltd.	0.11665
Canadian Superior Oil Ltd.	1.80559
Corvair Oils Ltd.	0.83368
Dome Petroleum Limited	71.26641
Harrington Oil & Gas Exploration Ltd.	0.11665
Hudson's Bay Oil and Gas Company Limited	5.99224
Musketeer Energy Ltd.	3.06034
B. William Payne & Associates	0.81436
Petro-Canada Exploration Inc.	7.87448
Solar Energy Resources Ltd.	1.25051
United Canso Oil & Gas Ltd.	1.25473
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

EQUITY GAS UNIT NO. 1

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 27 December 1967

Participation Revised - 1 June 1986

*Unitized Zone - Pekisko and Basal Quartz Formations

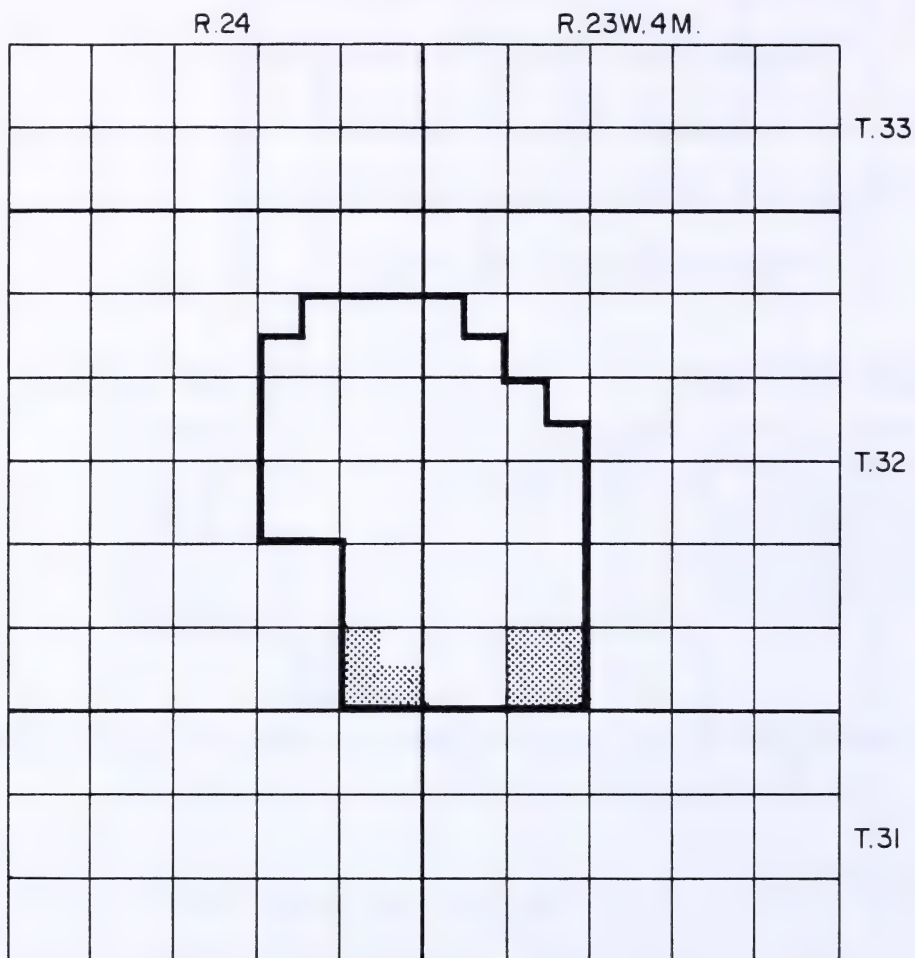
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	57.455681
Gulf Canada Corporation	16.144714
Hudson's Bay Oil and Gas Company Limited	1.799658
Mobil Oil Canada, Ltd.	12.223267
Murphy Oil Company Ltd.	5.427781
Musketeer Energy Ltd.	5.427781
Shell Canada Limited	1.521118
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



EQUITY GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - 27 DECEMBER 1967

UNIT OPERATOR - AMOCO CANADA PETROLEUM COMPANY LTD.

AREA OF CHANGE EFFECTIVE - SEPTEMBER 1 1979 

ERSKINE GAS UNIT NO. 1

Unit Operator - Gulf Canada Corporation

Initial Effective Date - 1 July 1965

Participation Revised - 6 September 1986

*Unitized Zone - Basal Blairmore

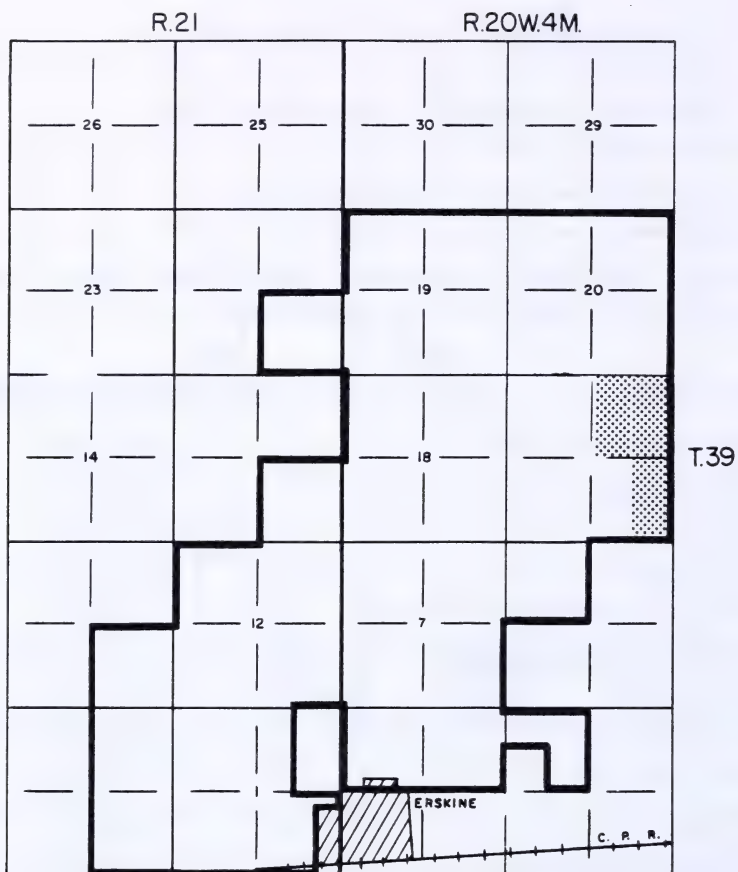
*Unitized Substance - Natural gas and other hydrocarbons (except crude oil and coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Aberdeen Petroleum Limited	0.41281
Blair Oil Company	1.64895
Canadian Superior Oil Ltd.	2.74677
Canterra Energy Ltd.	0.91341
Denton Energy Ltd.	0.18322
Dome Petroleum Limited	0.41282
First Canada Financial Corporation Limited	0.09644
Gulf Canada Corporation	38.12635
Harvard International Resources Ltd.	0.91342
Home Oil Company Limited	19.22739
Inter-Rock Oil Company of Canada	0.42408
Luscar Ltd.	0.21976
Madison Oils & Gas Limited	0.06714
Minaki Minerals Ltd.	1.10376
Musketeer Energy Ltd.	1.83217
Norcen Energy Resources Limited	12.33999
Scurry-Rainbow Oil Limited	3.67381
Texaco Canada Resources	5.74725
Total Petroleum Canada Ltd.	3.69608
United Reef Petroleums	0.10454
Webb International Minerals Inc.	6.04555
Westcord Resources Ltd.	0.06429
	100.00000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



ERSKINE GAS UNIT NO.1

INITIAL EFFECTIVE DATE - JULY 1, 1965

UNIT OPERATOR — GULF CANADA CORPORATION

AREA OF CHANGE EFFECTIVE-NOVEMBER 1, 1975 - 

ERSKINE LEDUC D-3A UNIT NO. 1

Unit Operator - Gulf Canada Corporation

Initial Effective Date - 1 January 1985

Participation Revised - 15 September 1986

*Unitized Zone - Leduc Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Blair Oil Company	0.08607
Canadian Superior Oil Ltd.	3.10484
Denton Energy Ltd.	0.00453
Dome Petroleum Limited	0.09060
Esso Resources Canada Limited	1.96844
Gulf Canada Corporation	54.88972
Home Oil Company Limited	21.73386
Inter-Rock Oil Co. of Canada	0.76118
Norcen Energy Resources Limited	8.06767
Ranger Oil Limited	4.62400
Texaco Canada Resources	4.66909
	<u>100.00000</u>

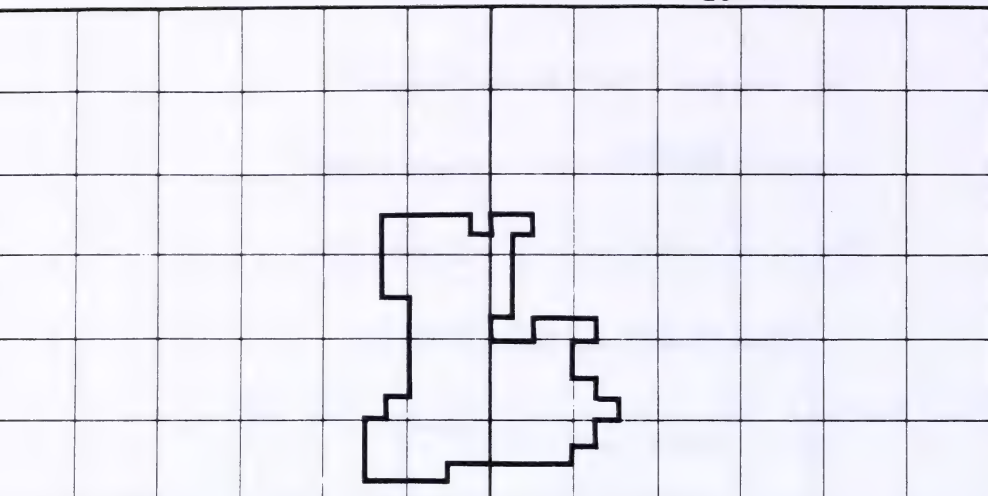
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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ERSKINE LEDUC D-3A UNIT NO 1

INITIAL EFFECTIVE DATE - 1 JANUARY 1985

UNIT OPERATOR- GULF CANADA CORPORATION



EXCELSIOR VIKING AND MANNVILLE A UNIT NO. 1

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 February 1977

Participation Revised - 1 April 1980

*Unitized Zone - Viking and Mannville A Formations

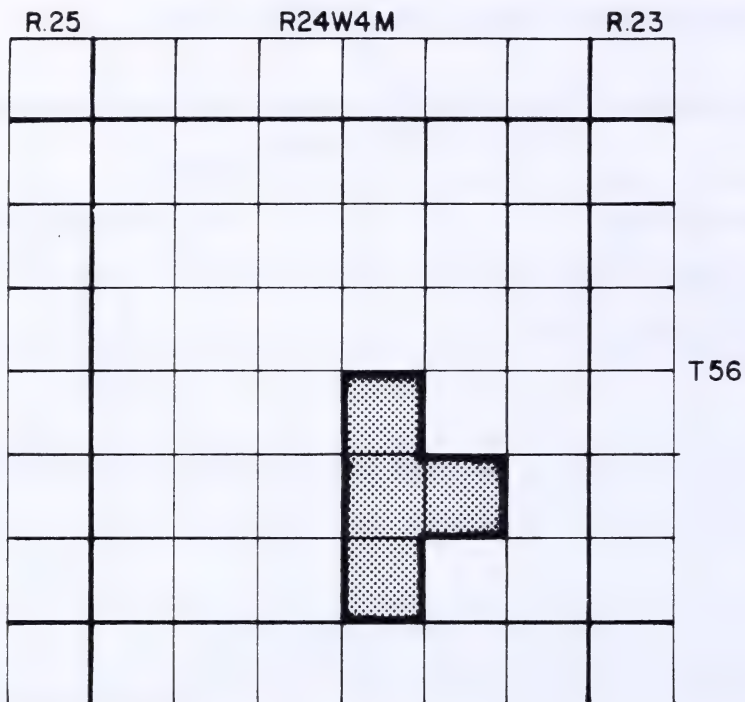
*Unitized Substance - Petroelum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Alberta Gas Products System Ltd.	0.75
Canadian Superior Oil Ltd.	2.31
Esso Resources Canada Limited	96.19
Penn West Petroleum Ltd.	0.75
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



EXCELSIOR VIKING AND MANNVILLE "A" UNIT NO. 1

INITIAL EFFECTIVE DATE - FEBRUARY 1, 1977

UNIT OPERATOR - ESSO RESOURCES CANADA LIMITED

AREA OF CHANGE EFFECTIVE - APRIL 1, 1980

FAIRYDELL-BON ACCORD VIKING UNIT NO. 1

Unit Operator - Northwestern Utilities Limited

Initial Effective Date - 1 February 1978

Participation Revised - 1 May 1981

*Unitized Zone - Viking Formation

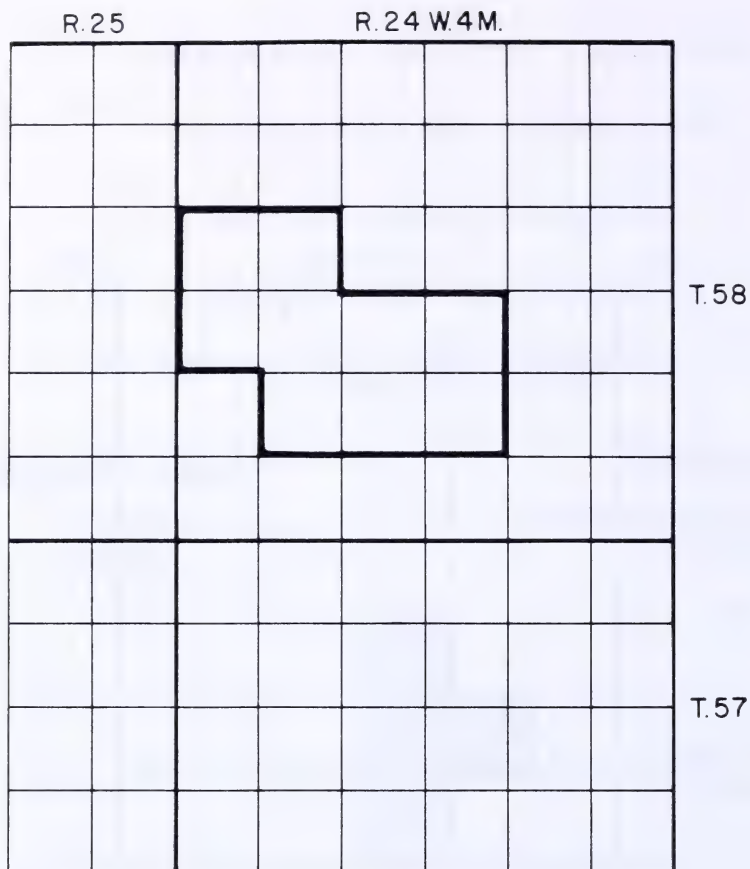
*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Northwestern Utilities Limited	93.11845
Penn West Petroleum Ltd.	6.88155
	<u>100.00000</u>

*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



FAIRYDELL - BON ACCORD VIKING UNIT NO. 1

INITIAL EFFECTIVE DATE - FEBRUARY 1, 1978

UNIT OPERATOR - NORTH WESTERN UTILITIES LIMITED

FENN BIG VALLEY VIKING GAS UNIT NO. 1

Unit Operator - Gulf Canada Corporation

Initial Effective Date - 1 May 1980

Participation Revised - 2 June 1986

*Unitized Zone - Viking Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

Aberford Resources Ltd.	1.29600
Adeco Drilling and Engineering Co. Ltd.	0.25935
Albert Allison	0.94778
Bracknell Resources Ltd	2.36945
Carolyn M. Bryan	0.00500
Claymore Minerals Ltd.	1.96275
Corexcal, Inc.	0.49817
D'Eldona Resources Ltd.	1.42167
Esso Resources Canada Limited	1.19709
First Calgary Petroleums Ltd.	0.57293
Gulf Canada Corporation	22.19162
Hudson's Bay Oil and Gas Company Limited	1.46311
Husky Oil Operations Ltd.	1.27690
J. M. Huber Corporation	0.68010
Kerr-McGee Corporation	2.31238
Knox Industries Inc.	1.30198
Lario Oil & Gas Company	3.03792
Mohawk Oil Co. Ltd.	4.43753
Gail F. Moulton Jr.	0.00499
Willis R. Moulton	0.00499
Musketeer Energy Ltd.	0.00195
Nicolas Gas & Oil Ltd.	2.13342
Oriole Energy Eastern Ltd.	1.97385
Pacific Lighting Exploration Company	0.99634
PanCanadian Petroleum Limited	22.38722
Penn West Petroleum Ltd.	0.00172
Petrorep (Canada) Ltd.	0.49818
Phillips Petroleum Canada Ltd.	0.48030
Ranger Oil Limited	9.70105

Working Interest OwnersPer Cent Participation

Seagull Resources Limited	0.35107
Shell Canada Resources Limited	2.10300
Teepee Petroleums Ltd.	1.97385
Texaco Canada Resources Ltd.	2.87665
Tri Link Resources Ltd.	0.21250
Universal Exploration (83) Ltd.	0.67217
Westburn Petroleum & Minerals Ltd.	4.33990
Western Decalta Petroleum (1977) Limited	1.89279
Westmin Resources Limited	0.03268
251582 Alberta Ltd.	0.12965
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

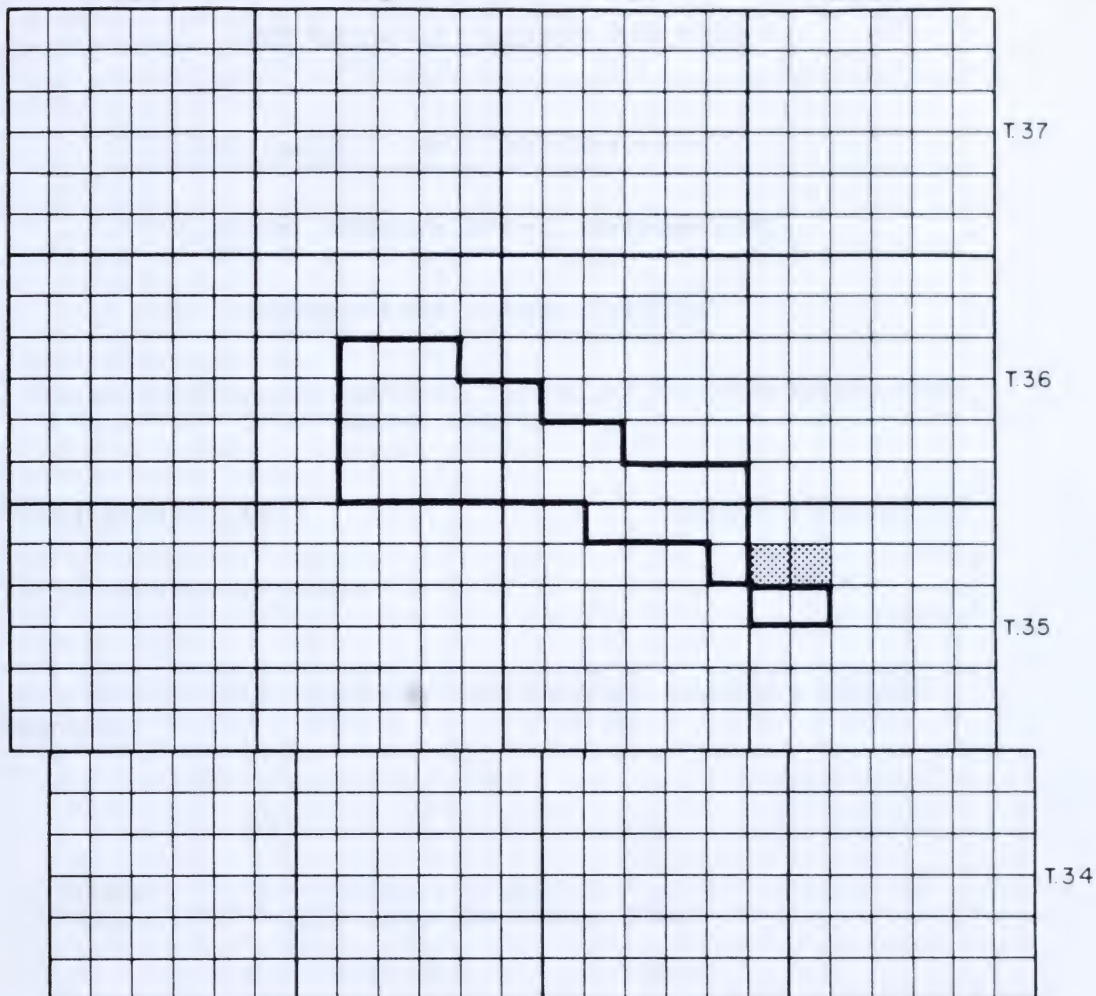
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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**FENN-BIG VALLEY VIKING GAS UNIT NO.1**

INITIAL EFFECTIVE DATE - 1 MAY 1980

UNIT OPERATOR - GULF CANADA CORPORATION

AREA OF CHANGE



EFFECTIVE - 1 SEPTEMBER 1983

FENN BIG VALLEY NISKU D-2A UNIT NO. 1

Unit Operator - Gulf Canada Resources Inc.

Initial Effective Date - 1 September 1982

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

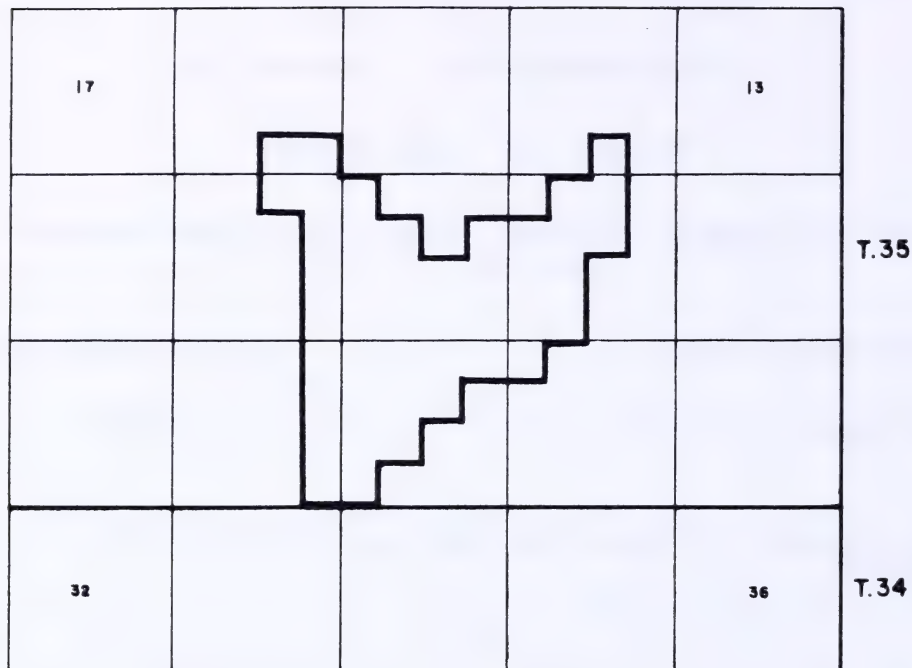
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Gulf Canada Resources Inc.	100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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FENN BIG VALLEY NISKU D-2 UNIT NO.1

INITIAL EFFECTIVE DATE-1 SEPTEMBER 1982

UNIT OPERATOR- GULF CANADA RESOURES LTD.



ENERGY RESOURCES CONSERVATION BOARD
ALBERTA, CANADA

Unit Operator - Texas Pacific Oil Canada Ltd.

Initial Effective Date - 1 November 1968

Participation Revised - 1 December 1981

*Unitized Zone - Cardium Formation

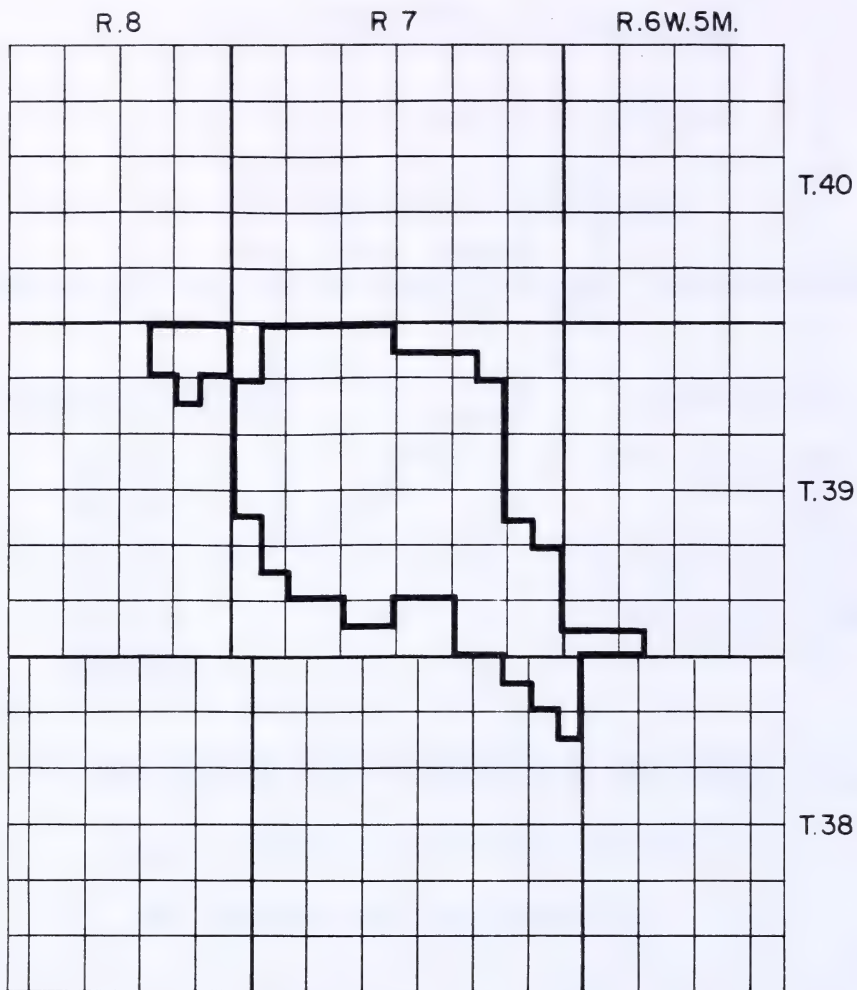
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
General American Oils, Ltd.	1.51680
Musketeer Energy Ltd.	17.83090
Nissen, Robert	0.81989
Petro-Canada Exploration Inc.	3.09260
Roxy-Clarion Petroleums Ltd.	0.69691
Shell Canada Resources Limited	8.11130
Texas Pacific Oil Canada Ltd.	67.77572
Webb International Minerals Inc.	0.15588
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



FERRIER CARDIUM UNIT NO.2

INITIAL EFFECTIVE DATE - NOVEMBER 1, 1968

UNIT OPERATOR - TEXAS PACIFIC OIL CANADA LTD.

FERRIER CARDIUM UNIT 3

Unit Operator - Amerada Minerals Corporation of Canada Ltd.

Initial Effective Date - 1 January 1970

Participation Revised - 1 October 1985

*Unitized Zone - Cardium Formation

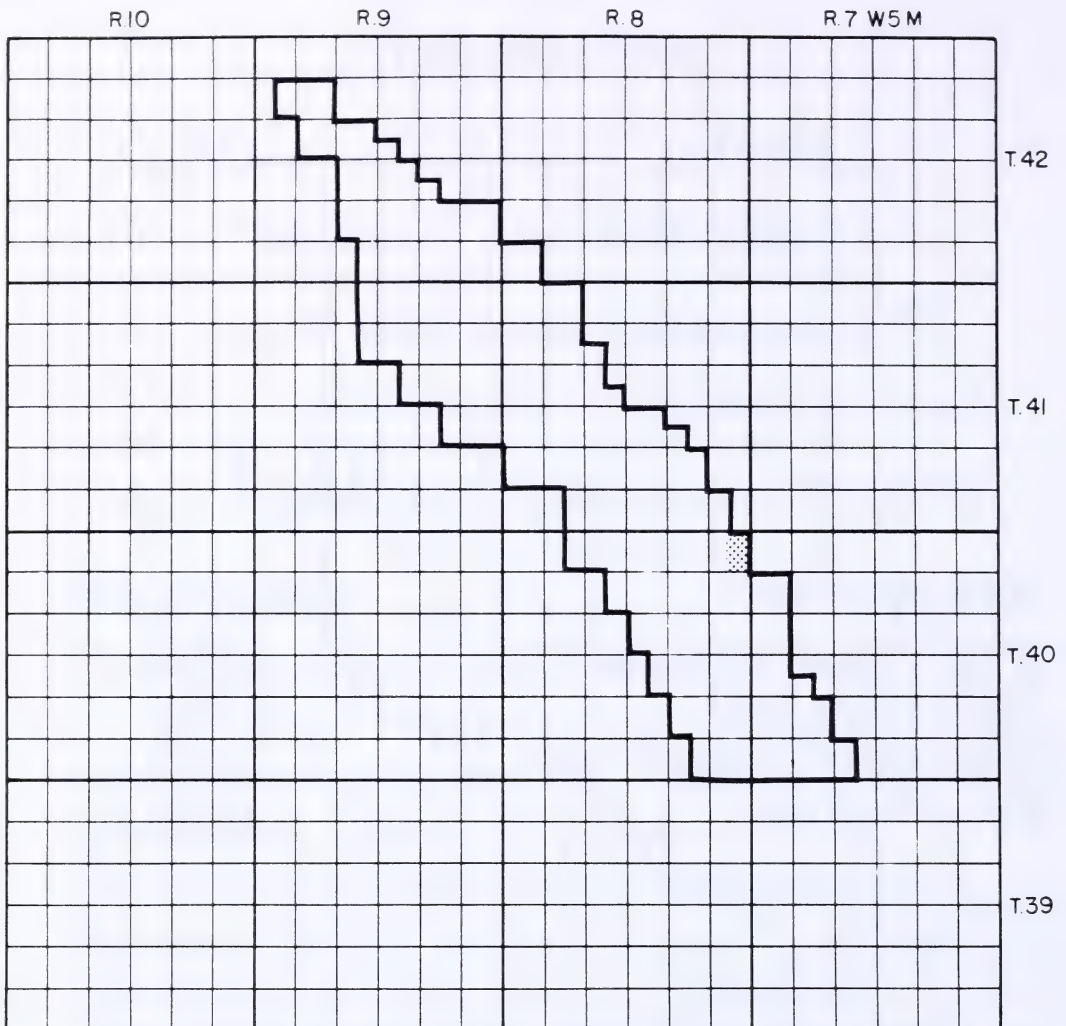
*Unitized Substance - Crude oil, natural gas condensate and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	54.906772
Canadian Occidental Petroleum Ltd.	2.010989
Canadian Superior Oil Ltd.	14.152651
Canberra Oil Company Ltd.	14.152226
Hudson's Bay Oil & Gas Company Limited	0.144611
Lac Sup Exploration Limited	14.152226
Musketeer Energy Ltd.	0.480525
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



FERRIER CARDIUM UNIT 3



INITIAL EFFECTIVE DATE - 1 JANUARY 1970

UNIT OPERATOR-AMERADA MINERALS CORPORATION OF CANADA LTD.

AREA OF CHANGE EFFECTIVE-1 OCTOBER 1985

FERRIER CARDIUM UNIT NO. 4

Unit Operator - Pembina Resources Limited

Initial Effective Date - 1 June 1983

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Home Oil Company Limited	32.10
Northern Development Company Limited	17.90
Pembina Resources Limited	32.10
Wintershall Oil of Canada Ltd.	17.90
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

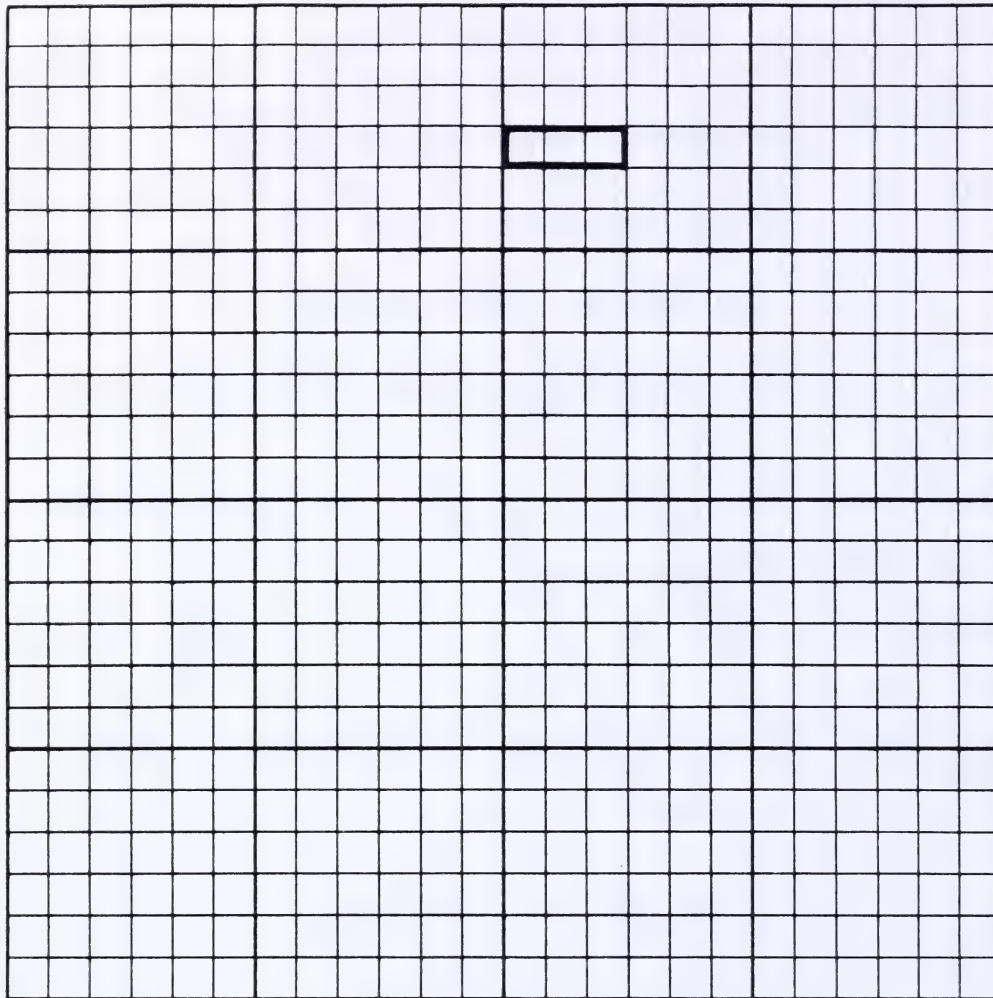
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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FERRIER CARDIUM UNIT NO. 4

INITIAL EFFECTIVE DATE -1 JUNE 1983

UNIT OPERATOR - PEMBINA RESOURCES LIMITED



FERRIER VIKING CARDIUM UNIT NO. 1

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 May 1967

Participation Revised - 1 September 1984

*Unitized Zone - Viking and Cardium Zones

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Petro-Canada Inc.	70.6730
Strand Oil & Gas Ltd.	14.6635
120243 Canada Inc.	14.6635
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R 8

R 7 W 5 M

32	33	34	35	36	31
29	28		26	25	30
20	21		23		19
17	16	15	14		18
8	9	10	11	12	7
5	4	3	2		6

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FERRIER VIKING - CARDIUM UNIT NO. 1**ERCB**

INITIAL EFFECTIVE DATE - 1 MAY 1967

UNIT OPERATOR - PETRO-CANADA INC.

FERRYBANK BELLY RIVER GAS UNIT

Unit Operator - Kerr-McGee Corporation

Initial Effective Date - 31 December 1975

Participation Revised - 1 May 1980

*Unitized Zone - Belly River Formation

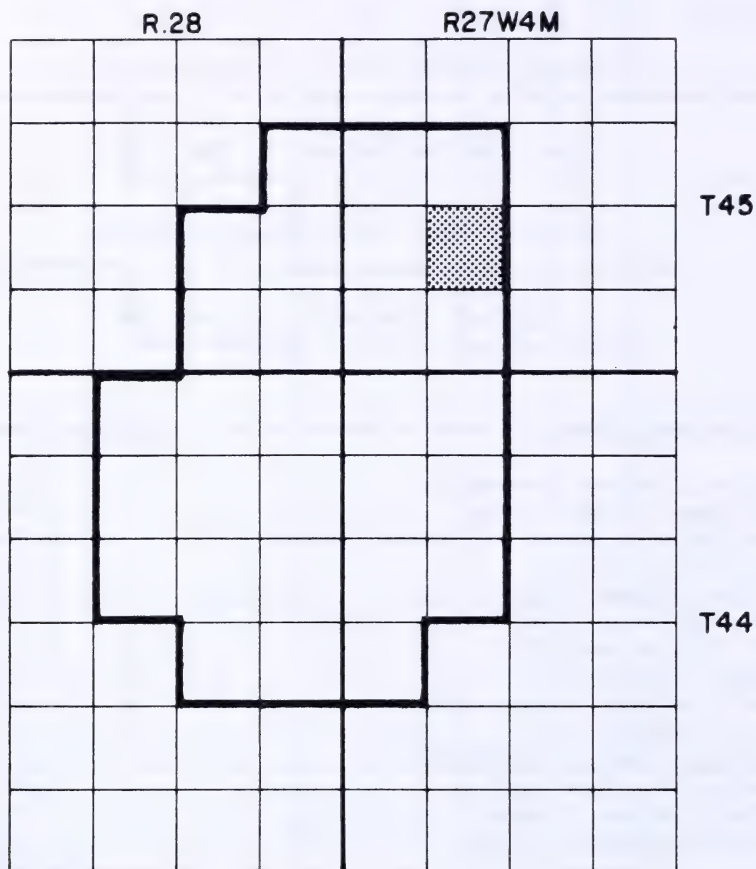
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Alberta Gas Products Systems Ltd.	1.3118
Canadian Superior Oil Ltd.	2.9458
Columbia Gas Development of Canada Limited	0.1069
Dome Petroleum Limited	4.3467
J. M. Huber Corporation	1.3351
Hudson's Bay Oil and Gas Company Limited	3.5114
Husky Oil Operations Ltd.	2.4476
Kerr-McGee Corporation	30.9706
Kingside Minerals & Investments Ltd.	1.3118
Murphy Oil Company Ltd.	30.3598
Norcen Energy Resources Limited	1.6568
PanCanadian Petroleum Limited	9.3655
Provo Gas Producers Limited	0.3564
Petro-Canada Exploration Inc.	9.9738
	<hr/> 100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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FERRYBANK BELLY RIVER GAS UNIT

INITIAL EFFECTIVE DATE - DECEMBER 31, 1975

UNIT OPERATOR - KERR - MCGEE CORPORATION

AREA OF CHANGE EFFECTIVE ——— JULY 1, 1976

FERRYBANK GAS UNIT NO. 1

Unit Operator - Ocelot Industries Ltd

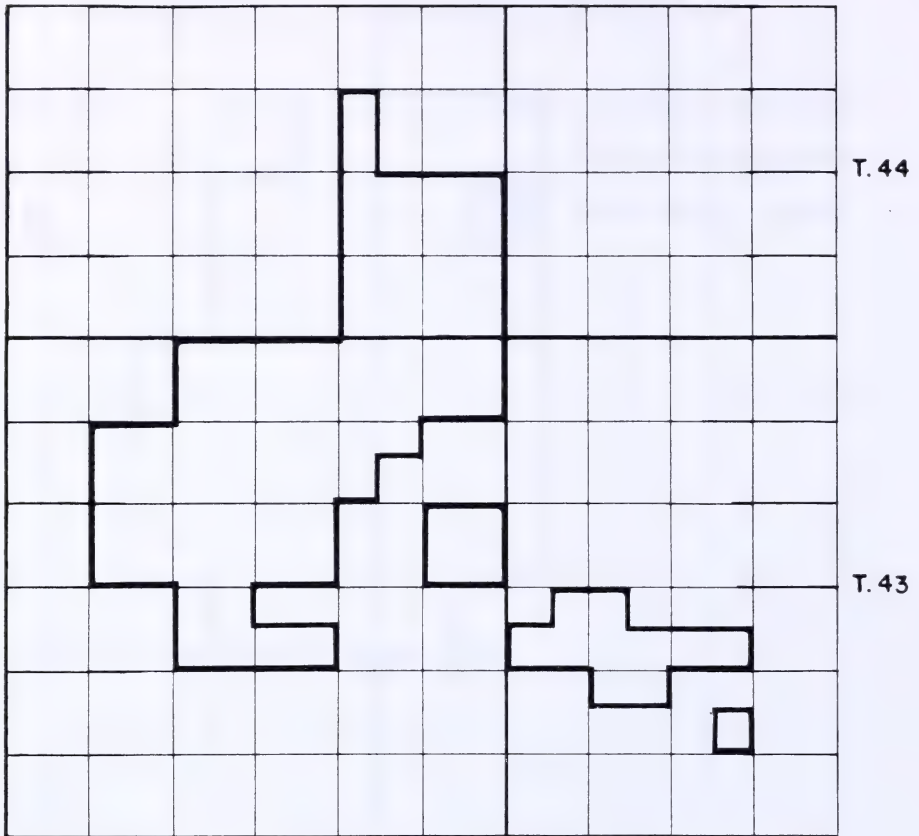
Initial Effective Date - 1 October 1982

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Hawkeye Petroleum Ltd.	.700
Ocelot Industries Ltd	<u>99.300</u>
	100.000

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.26 W. 4 M.



INITIAL EFFECTIVE DATE — 1 OCTOBER 1982

UNIT OPERATOR—OCELOT INDUSTRIES LTD.

FLAT LAKE GAS UNIT

Unit Operator - Canterra Energy Ltd

Initial Effective Date - 1 March 1971

Participation Revised - 2 June 1986

*Unitized Zone - Wabamun, Wabiskaw and Colony Formations

*Unitized substance - Gas

Working Interest Owners

Per Cent Participation

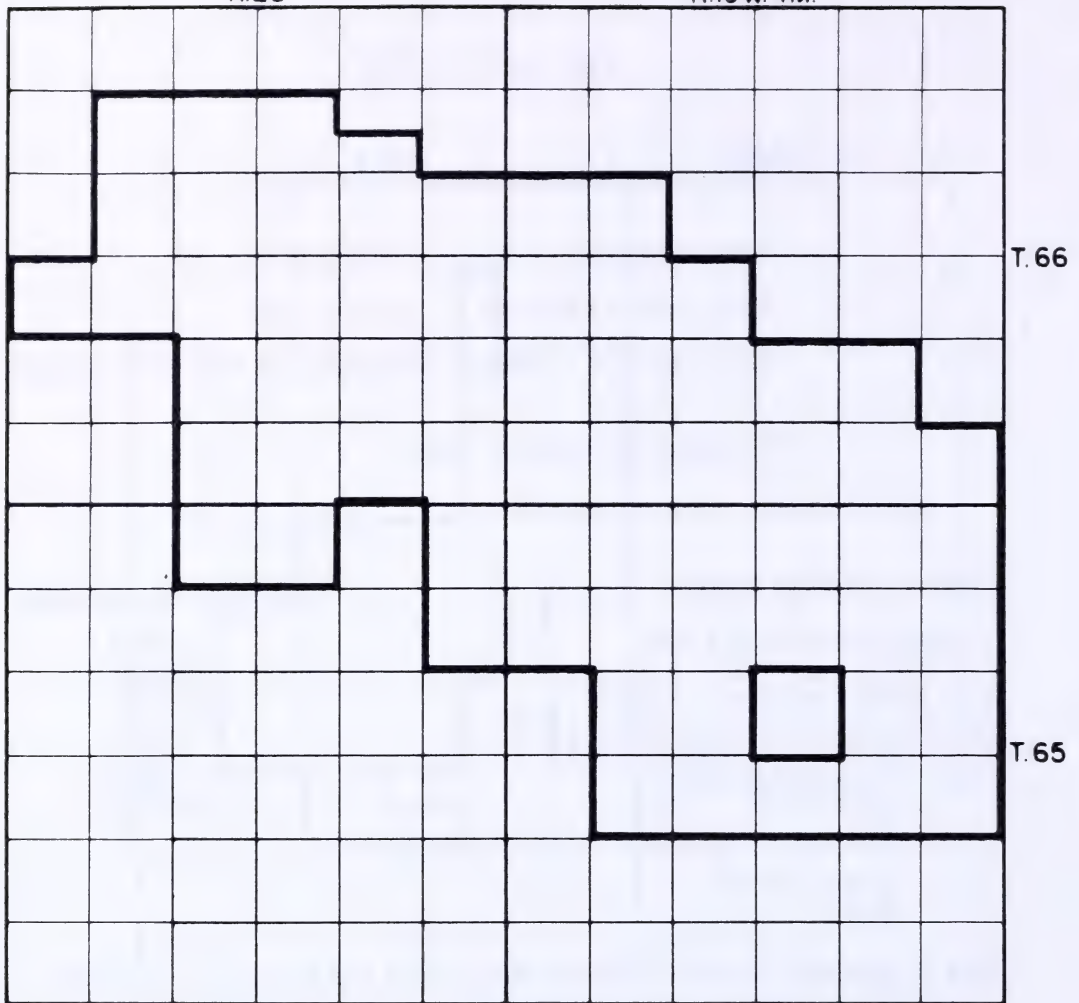
Canadian Superior Oil Ltd.	12.5719
Canterra Energy Ltd	23.2431
Esso Resources Canada Limited	39.4353
Harvard International Resources Ltd.	23.2431
Texas Pacific Oil of Canada Ltd	1.4240
Trans Canada Resources Ltd	0.0826
	<hr/> 100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.19W.4M.



INITIAL EFFECTIVE DATE - . MARCH 1, 1971

UNIT OPERATOR - CANTERRA ENERGY LTD.

FREEMAN UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 June 1968

Participation Revised - 1 November 1983

*Unitized Zone - Swan Hills Formation

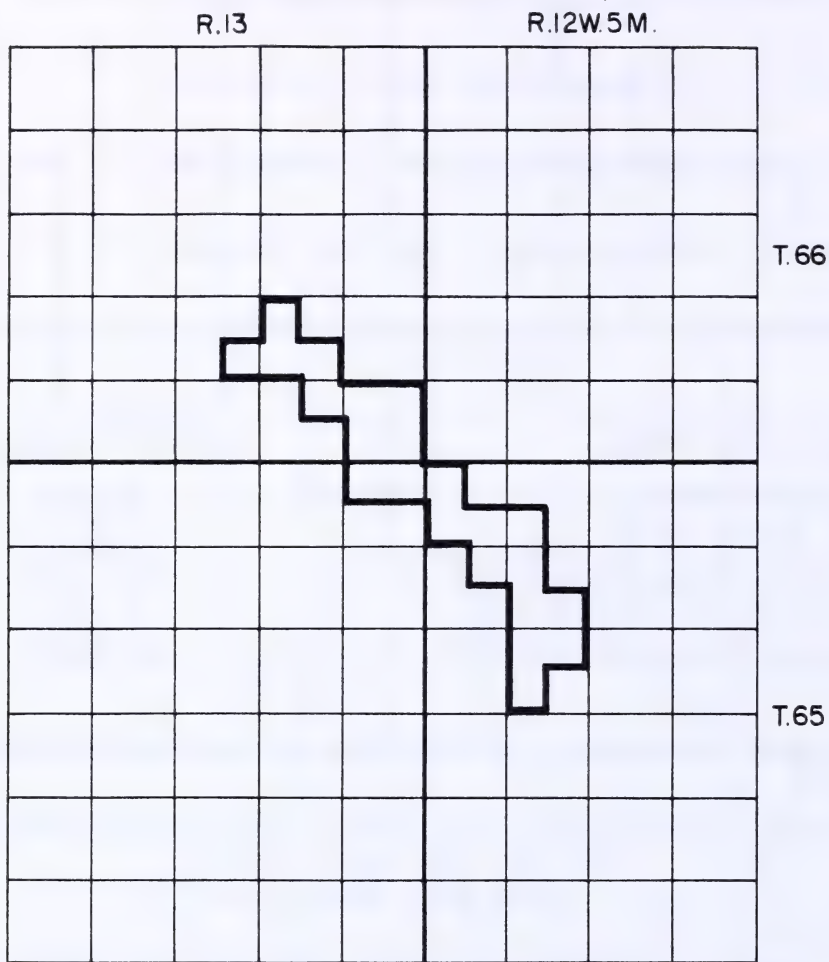
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	6.651991
Home Oil Company Limited	25.883459
Hudson's Bay Oil and Gas Company Limited	26.607964
Natomas Exploration of Canada Ltd.	7.124311
Petroterra Natural Resources Ltd.	7.124311
Union Oil Company of Canada Limited	26.607964
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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FREEMAN UNIT NO. 1

INITIAL EFFECTIVE DATE - JUNE 1 1968

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

GARRINGTON CARDIUM UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Ltd.

Initial Effective Date - 1 September 1963

Participation Revised - 1 February 1984

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum natural gas and other hydrocarbons
(except coal)

Working Interest Owners

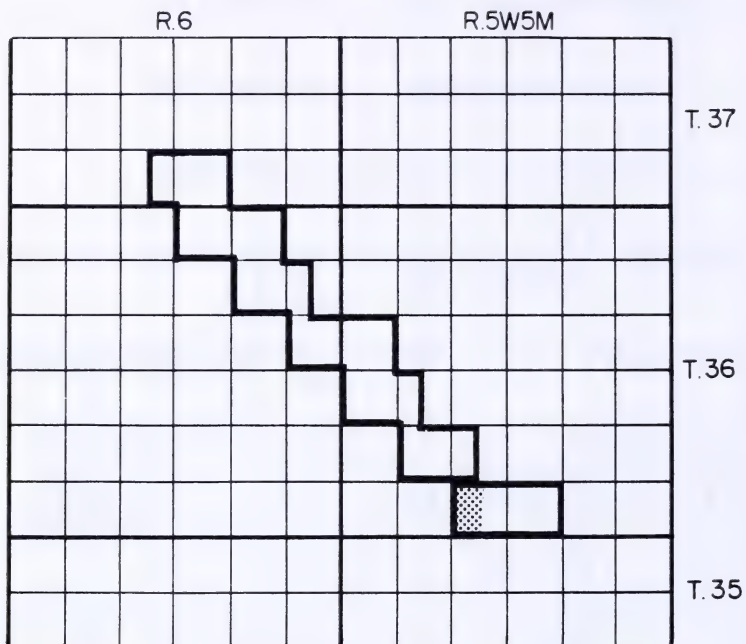
Per Cent Participation

Altana Exploration Company	23.40964
BP Exploration Canada Limited	35.31805
Hudson's Bay Oil and Gas Company Limited	41.27231
	<u>100.00000</u>

*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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GARRINGTON CARDIUM UNIT NO. 1

INITIAL EFFECTIVE DATE - SEPTEMBER 1, 1963

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

AREA OF CHANGE EFFECTIVE - MARCH 1, 1964 000000

GARRINGTON CARDIUM UNIT NO. 2

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 September 1964

Participation Revised - 1 July 1986

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Barcelona Operating Company	0.423492
Canadian Occidental Petroleum Ltd.	0.333801
Canadian Reserve Oil & Gas Ltd.	0.333801
Canadian Superior Oil Ltd.	2.021869
Conventures Limited	0.286366
Diamond Shamrock Exploration of Canada, Ltd.	14.647576
Gulf Canada Corporation	2.307914
Hudson's Bay Oil and Gas Company Limited	70.059701
Musketeer Energy Ltd.	2.577298
Pennzoil Petroleums Ltd.	2.964444
Shell Canada Limited	4.043738
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

GARRINGTON CARDIUM UNIT NO. 3

Unit Operator - Pennzoil Petroleum Ltd.

Initial Effective Date - 1 October 1964

Participation Revised - 10 May 1984

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

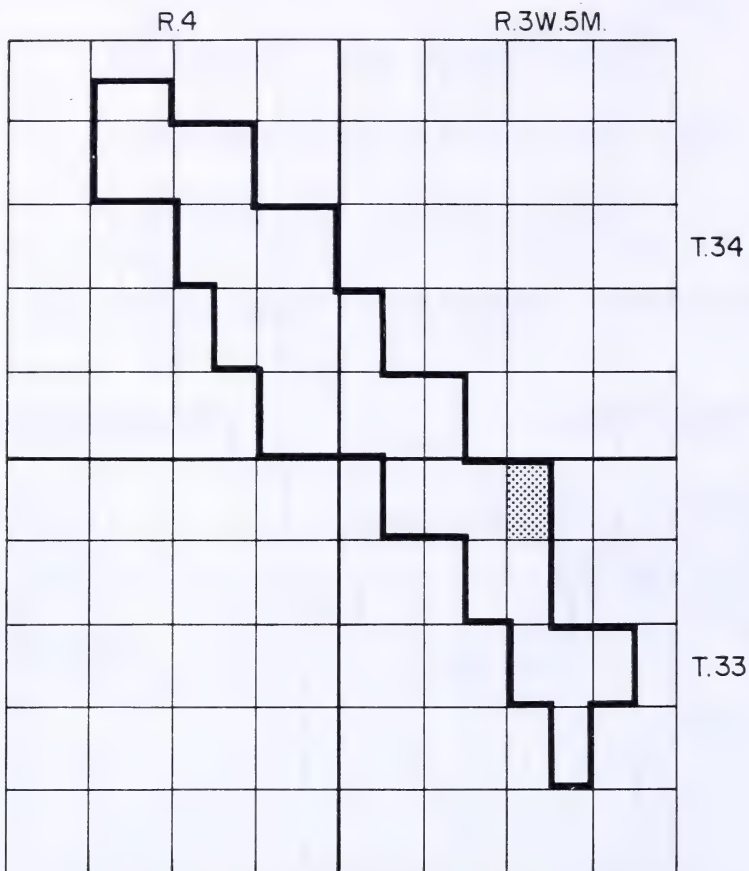
Per Cent Participation

Barcelona Operating Company	8.834064
Hudson's Bay Oil and Gas Company Limited	12.493285
New York Oils Limited	10.019050
Pennzoil Petroleum Ltd.	61.838452
Total Petroleum Canada Ltd.	1.374646
United Canso Oil & Gas Ltd.	5.440503
	<u>100.000000</u>

*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



GARRINGTON CARDIUM UNIT NO.3

INITIAL EFFECTIVE DATE - OCTOBER 1, 1964

UNIT OPERATOR - PENNZOIL PETROLEUMS LTD

AREA OF CHANGE EFFECTIVE - JANUARY 1, 1966 - 

GARRINGTON ELKTON GAS UNIT NO. 1

Unit Operator - Hudson's Bay Oil & Gas Company Limited

Initial Effective Date - 1 August 1968

Participation Revised - 1 April 1986

*Unitized Zone - Elkton Formation

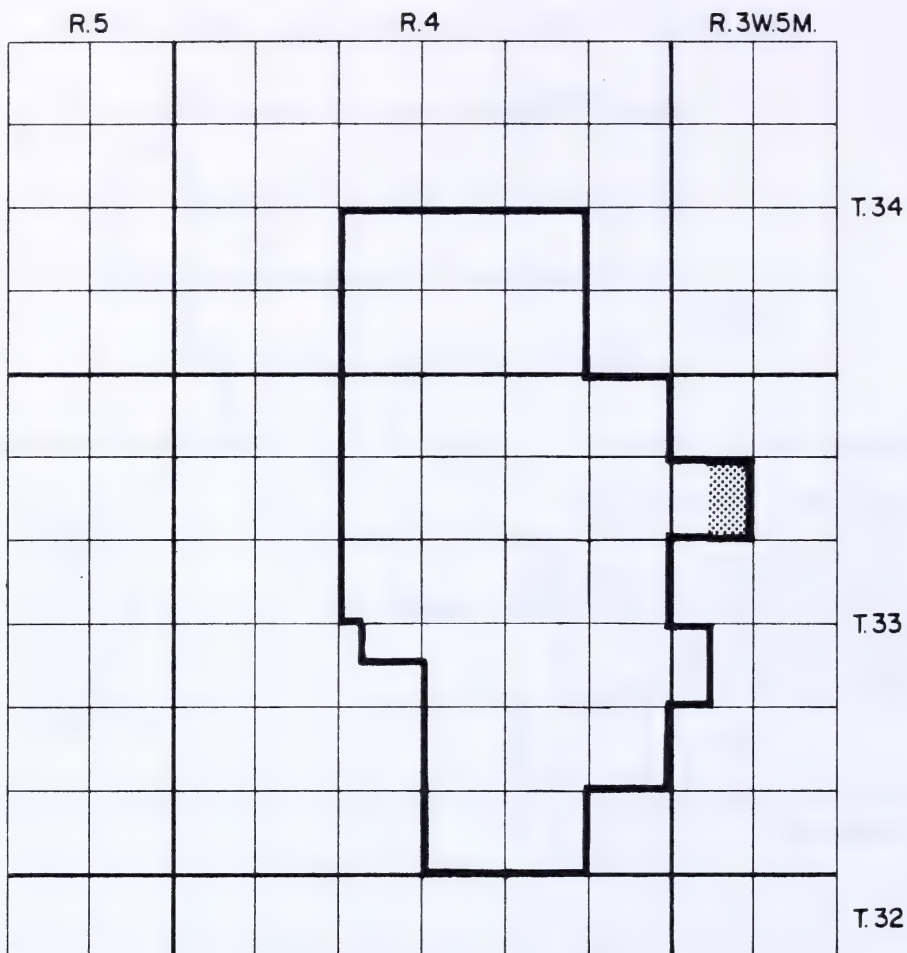
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bass & Sons Resources, Ltd.	4.641196
Canadian Superior Oil Ltd.	18.059358
Corvair Oils Ltd.	0.103547
DeKalb Petroleum Corporation	35.149227
Hudson's Bay Oil & Gas Company Limited	39.561552
Raeson Investments Ltd.	0.025887
Star Oil & Gas Ltd.	1.164900
Tricentrol Oils Limited	1.294333
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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GARRINGTON ELKTON GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - AUGUST 1, 1968

AREA OF CHANGE EFFECTIVE — MAY 1, 1981

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY

GARRINGTON VIKING GAS UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 29 June 1968

Participation Revised - 1 February 1984

*Unitized Zone - Viking Formation

*Unitized Substance - Natural gas

Working Interest Owners

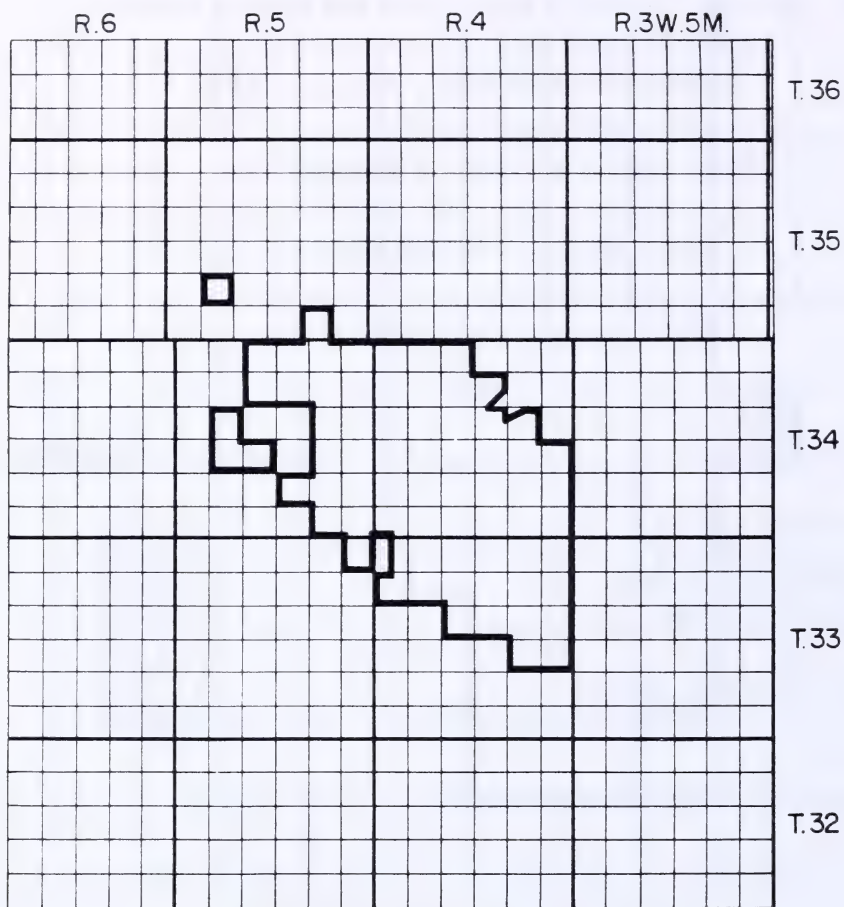
Per Cent Participation

Bass & Sons Resources, Ltd.	0.274840
Canadian Superior Oil Ltd.	4.520980
DeKalb Petroleum Corporation	13.000600
Home Oil Company Limited	0.102719
Hudson's Bay Oil and Gas Company Limited	72.122196
ICG Resources Ltd.	1.166346
Norcen Energy Resources Limited	8.812319
	<u>100.000000</u>

*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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GARRINGTON VIKING GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - JUNE 29, 1968

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

GHOST PINE UNIT

Unit Operator - Gulf Canada Corporation

Initial Effective Date - 6 November 1967

Participation Revised - 1 April 1986

*Unitized Zone - Basal Belly River, Viking, Upper Mannville, Glauconite,
Basal Quartz, Pekisko and Banff

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

Adanac Oil & Gas Limited	0.002990
Amerada Minerals Corporation of Canada Ltd.	4.215760
Atcor Resources Limited	0.491583
Bow River Pipelines Ltd.	1.301243
BP Resources Canada Limited	3.543678
Canadian Superior Oil Ltd.	0.722905
Chevron Canada Resources Limited	0.144573
Dome Petroleum Limited	0.154478
Gulf Canada Corporation	28.931492
J.M. Huber Corporation	4.919627
Hudson's Bay Oil and Gas Company Limited	3.455511
Husky Oil Operations Ltd.	1.735001
Mobil Oil Canada, Ltd.	3.513351
Monsanto Oil Ltd. & Monsanto Company	1.590403
Mosswood Oil and Gas Ltd.	0.115660
Murphy Oil Company Ltd.	3.149964
Musketeer Energy Ltd.	2.062418
Norcen Energy Resources Limited	9.802104
Bryan W. Payne	3.501238
Pembina Pipeline Ltd.	10.187655
Petro-Canada Inc.	0.467172
Prairie Oil Royalties Company Ltd.	1.360081

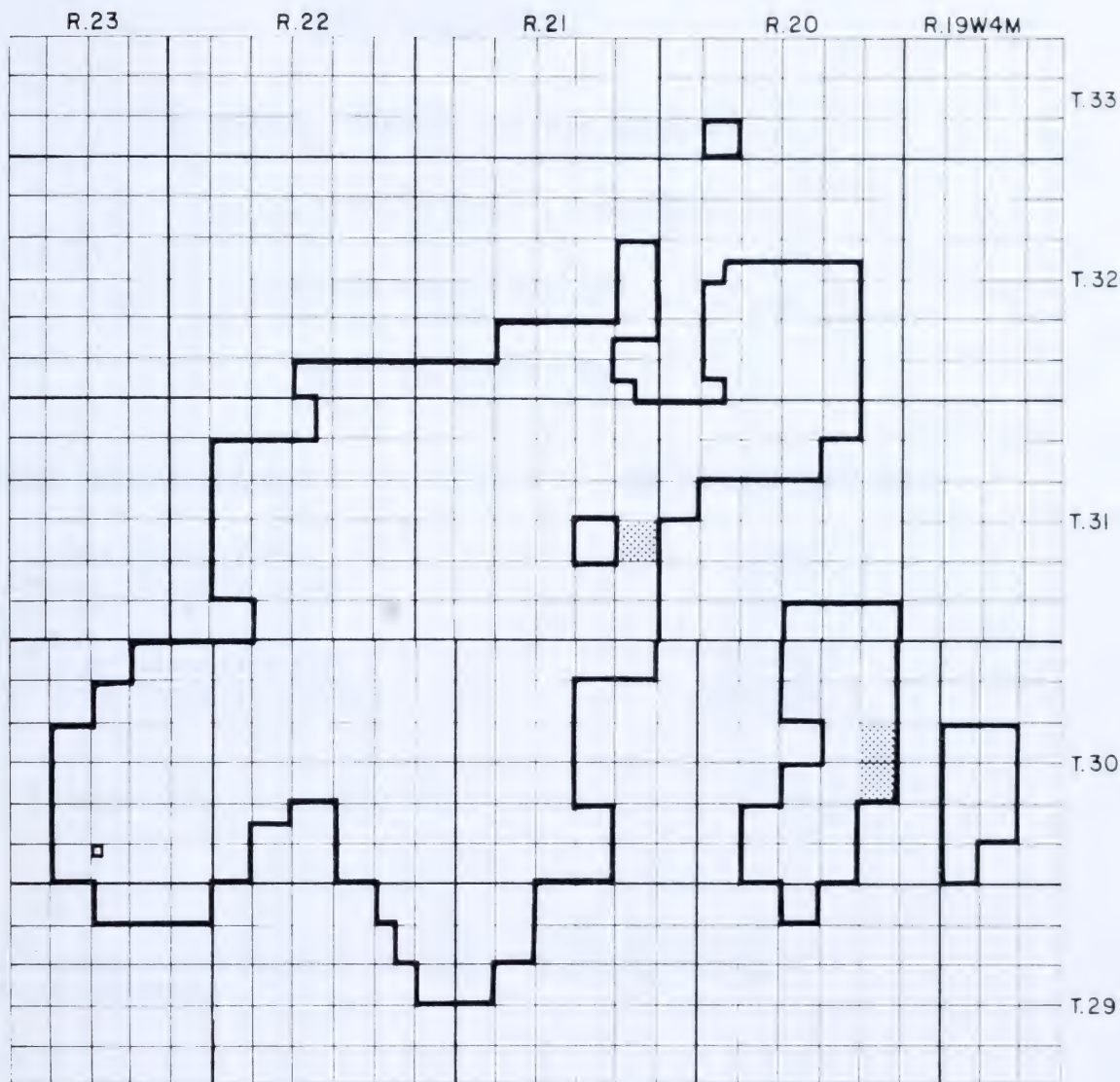
Working Interest OwnersPer Cent Participation

Sabre Petroleum Ltd.	1.776494
Sasko Oil & Gas Limited	0.021518
Scotia Oils Limited	0.216869
Spruce Hills Production Company, Inc.	1.750615
Suncor Inc.	6.607413
Tricentrol Oils Limited	0.155421
Western Decalta Petroleum (1977) Limited	4.102783
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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GHOST PINE UNIT



INITIAL EFFECTIVE DATE - 6 NOVEMBER 1967

UNIT OPERATOR - GULF CANADA CORPORATION

AREA OF CHANGE 

AREA OF CHANGE EFFECTIVE - 1 DECEMBER 1969

GHOST RIVER GAS UNIT

Unit Operator - Phillips Petroleum Canada Ltd.

Initial Effective Date - 1 June 1981

*Unitized Zone - Rundle Zone

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Gulf Canada Resources Inc.	4.29432
PanCanadian Petroleum Limited	9.77135
Pan Ocean Oil Ltd.	1.43144
Peyto Oils Ltd.	2.20753
Phillips Petroleum Canada Ltd.	73.46524
Shell Canada Resources Limited	8.83012
	<u>100.00000</u>

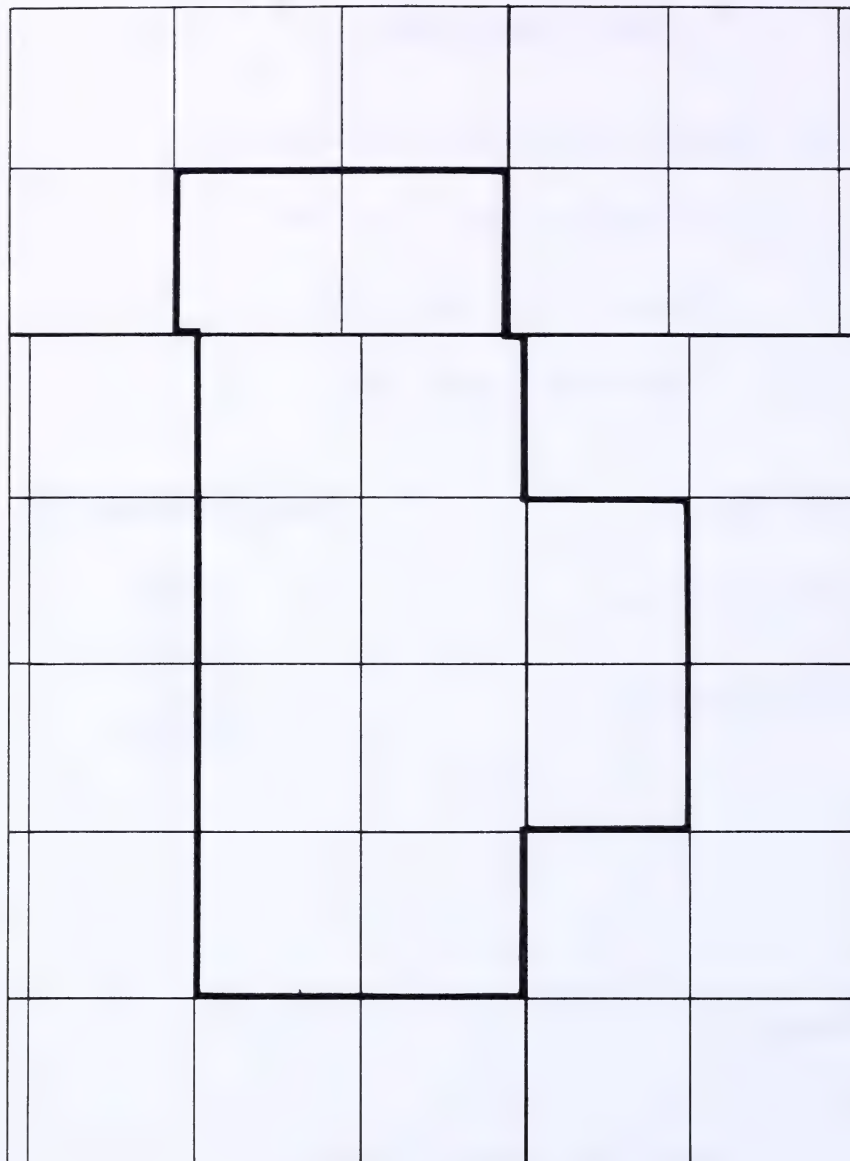
*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R. 8

R. 7 W 5 M.



GHOST RIVER GAS UNIT

INITIAL EFFECTIVE DATE - 1 JUNE 1981

UNIT OPERATOR - PHILLIPS PETROLEUM CANADA LTD.

GILBY GAS UNIT

Unit Operator - Gulf Oil Canada Limited

Initial Effective Date - 1 May 1976

*Unitized Zone - Basal Quartz, Jurassic Sand and Pekisko

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

Gulf Oil Canada Limited

100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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GILBY JURASSIC "B" UNIT NO. 1

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 October 1965

Participation Revised - 1 June 1986

*Unitized Zone - Jurassic B Sand

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Blair Oil Company	2.5369
Canadian Occidental Petroleum Ltd.	5.5405
Denison Mines Limited	4.8419
Diamond Shamrock Exploration of Canada Ltd.	2.0615
Mr. F. G. Gannon	0.1562
Gulf Canada Corporation	8.0472
Husky Oil Operations Ltd.	53.6915
Musketeer Energy Ltd.	2.6931
Petro-Canada Inc.	20.4312
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

GILBY JURASSIC "F" UNIT

Unit Operator - PanCanadian Petroleum Limited.

Initial Effective Date - 1 November 1967

Participation Revised - 1 March 1982

*Unitized Zone - Jurassic "F" Formation

*Unitized Substance - Petroleum, natural gas and related hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Gulf Canada Resources Inc.	9.30000
Husky Oil Operations Ltd.	22.90000
New York Oils Limited (N.P.L.)	9.00000
PanCanadian Petroleum Limited	26.80000
Petro Canada Ventures	10.00000
Texas Crude Oil Company	22.00000
	<u>100.00000</u>

*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

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26	25	30	29
23	24	19	20
14			17
11			8
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GILBY JURASSIC F UNIT

INITIAL EFFECTIVE DATE - NOVEMBER 1, 1967

UNIT OPERATOR — PANCANADIAN PETROLEUM LIMITED

GILBY LOWER MANNVILLE OSTRACOD UNIT NO. 1

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 25 October 1972

Participation Revised - 1 July 1986

*Unitized Zone - Lower Mannville Ostracod

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	0.97333
Edwin Foster Blair (carrying on business as Blair Oil Company)	0.04499
Canadian Occidental Petroleum Ltd.	3.34553
Denison Mines Limited	0.80882
F. G. Gannon	0.00499
Gulf Canada Corporation	5.10240
Husky Oil Operations Ltd.	40.34753
Lincoln-McKay Development Company Ltd.	2.58641
Musketeer Energy Ltd.	0.04999
New York Oils Limited	1.03557
PanCanadian Petroleum Limited	10.46915
Petro-Canada Inc.	34.25796
Texaco Canada Resources	0.97333
	<u>100.00000</u>

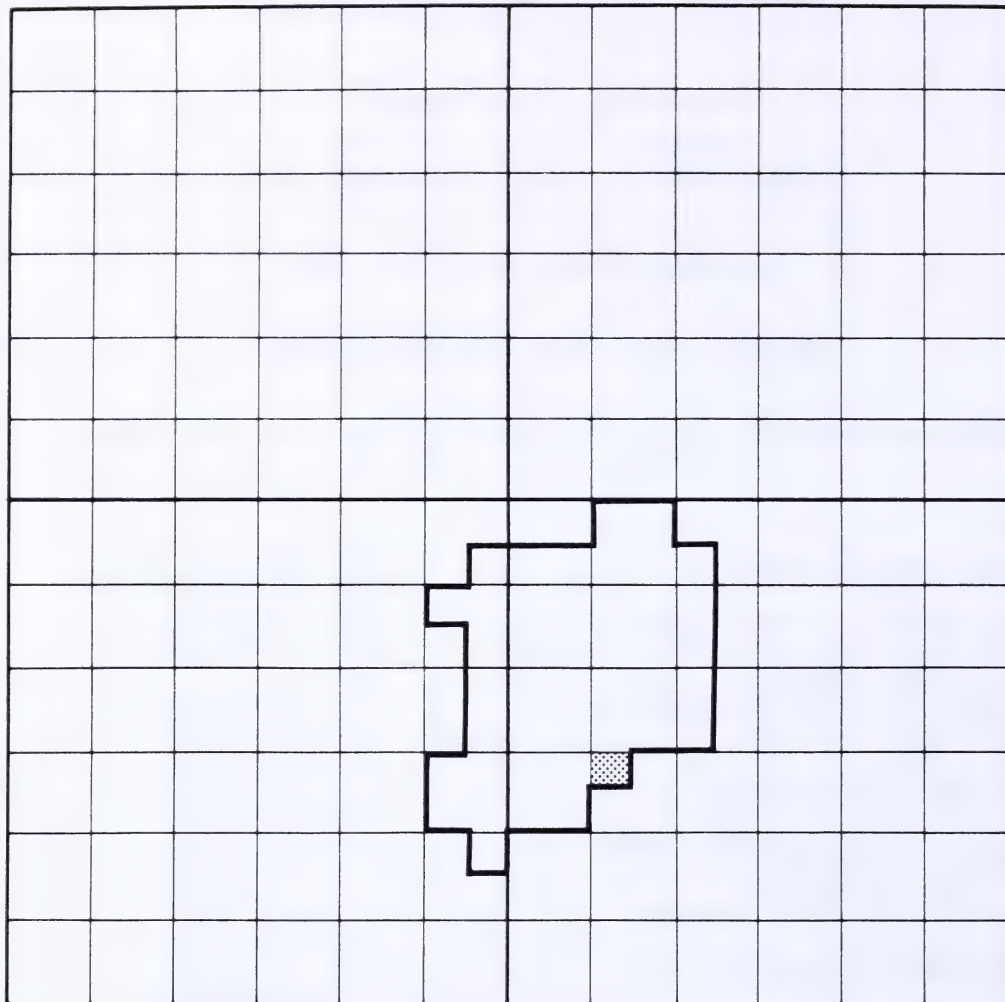
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R. 4

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GILBY LOWER MANNVILLE OSTRACOD UNIT NO. 1

ERCB

INITIAL EFFECTIVE DATE - 25 OCTOBER 1972

UNIT OPERATOR - PETRO-CANADA INC.

AREA OF CHANGE EFFECTIVE - 25 OCTOBER 1972



GILBY NORTH BASAL QUARTZ GAS UNIT

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 September 1967

Participation Revised - 1 October 1985

*Unitized Zone - Basal Quartz Formation

*Unitized Substance - Natural gas

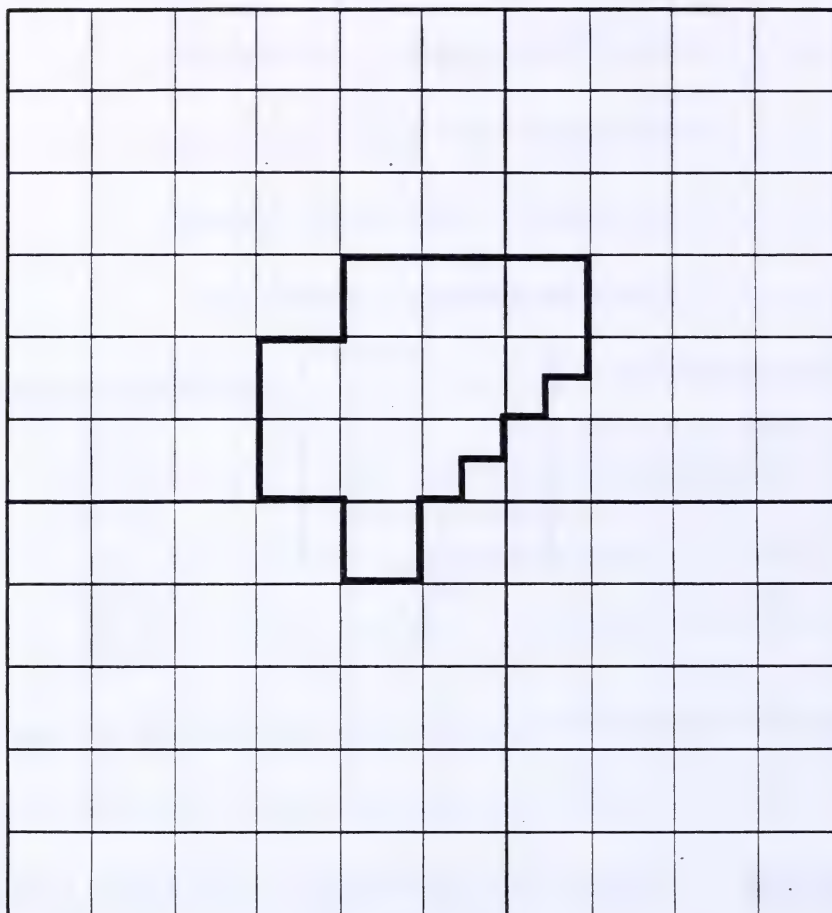
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Anadarko Petroleum of Canada Ltd.	12.798
Canadian Occidental Petroleum Ltd.	10.258
Diamond Shamrock Exploration of Canada, Ltd.	13.319
Gulf Canada Resources by its Managing Partner	18.719
Gulf Canada Limited	
Hudson's Bay Oil and Gas Company Limited	19.979
Musketeer Energy Ltd.	16.288
PanCanadian Petroleum Limited	8.639
	<hr/> 100.000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R.3W.5M.



T.40

INITIAL EFFECTIVE DATE - SEPTEMBER 1, 1967

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

GILBY VIKING UNIT NO. 1

Unit Operator - Chevron Canada Resources Limited

Initial Effective Date - 1 December 1962

Participation Revised - 1 October 1985

*Unitized Zone - Viking Formation

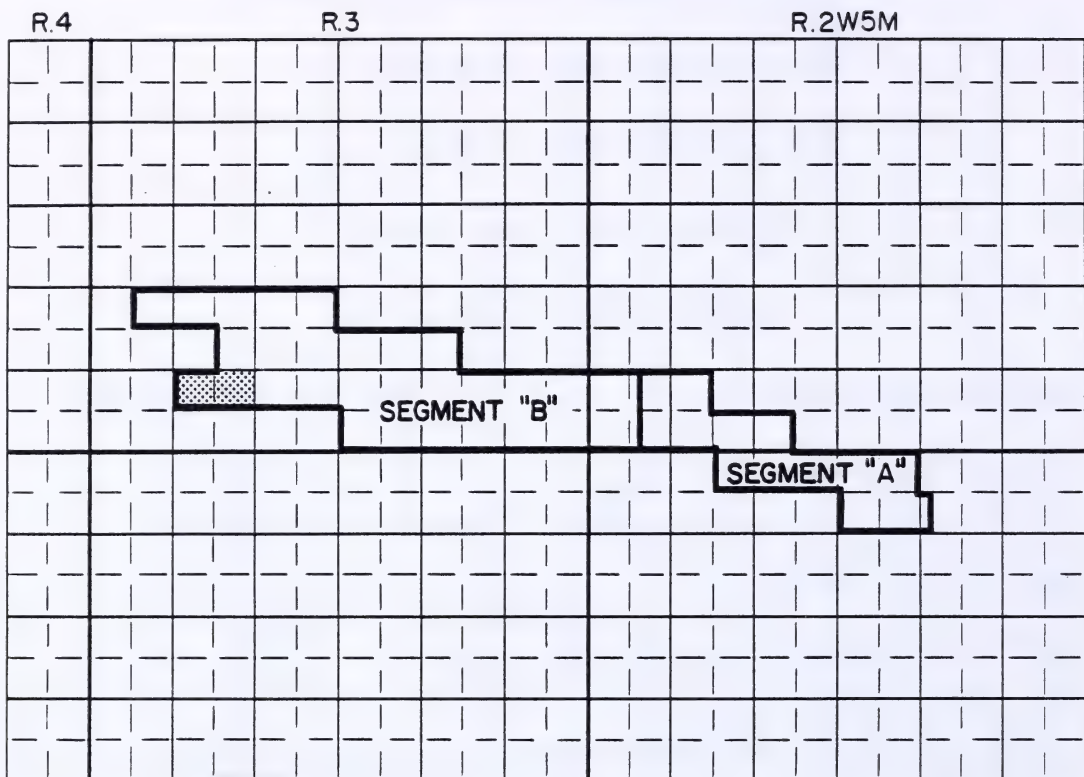
*Unitized Substance - Gas and Oil

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	9.5967
Caltorwin Resources Ltd.	0.7861
Canterra Energy Ltd.	1.2462
Chevron Canada Resources Limited	23.6211
Colenco Petroleum Ltd.	0.9279
Dome Petroleum Limited	4.3570
Dontex Oils Ltd.	0.7353
Drummond Oil & Gas Ltd.	0.7861
Gulf Canada Resources, by its Managing Partner	13.7764
Gulf Canada Limited	
Harvard International Resources	1.2461
Hudson's Bay Oil and Gas Company Limited	10.6834
ICG Resources Ltd.	6.4476
Alice James	0.1856
Pembina Resources Limited	1.8557
Petro-Canada Inc.	11.4338
Pipawa Exploration Limited	0.7423
Spruce Hills Production Company Inc.	0.4940
Texaco Canada Resources Ltd.	9.5967
Western Decalta Petroleum (1977) Limited	1.3832
Wrangler Management Ltd.	0.0988
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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GILBY VIKING UNIT NO. 1

INITIAL EFFECTIVE DATE - DECEMBER 1, 1962

UNIT OPERATOR - CHEVRON CANADA RESOURCES LIMITED

AREA OF CHANGE EFFECTIVE DECEMBER 1, 1969

GILBY VIKING "B" UNIT NO. 1

Unit Operator - Hamilton Brothers Canadian Gas Company Ltd.

Initial Effective Date - 1 November 1971

Participation Revised - 1 July 1981

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Adeco Drilling and Engineering Co. Ltd.	1.5550
Amoco Canada Petroleum Company Ltd.	9.4092
Canadian Superior Oil Ltd.	6.7522
Dyco Petroleum Corporation	3.8874
Hamilton Brothers Canadian Gas Company Ltd.	9.7365
Keness Exploration Ltd.	0.7776
Petro-Canada Inc.	9.4092
Royal Trust Company	49.0635
Texaco Canada Inc.	9.4094
	<u>100.0000</u>

*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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GILBY VIKING " E" UNIT NO. 1

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 April 1980

Participation Revised - 1 September 1983

*Unitized Zone - Viking Sandstone

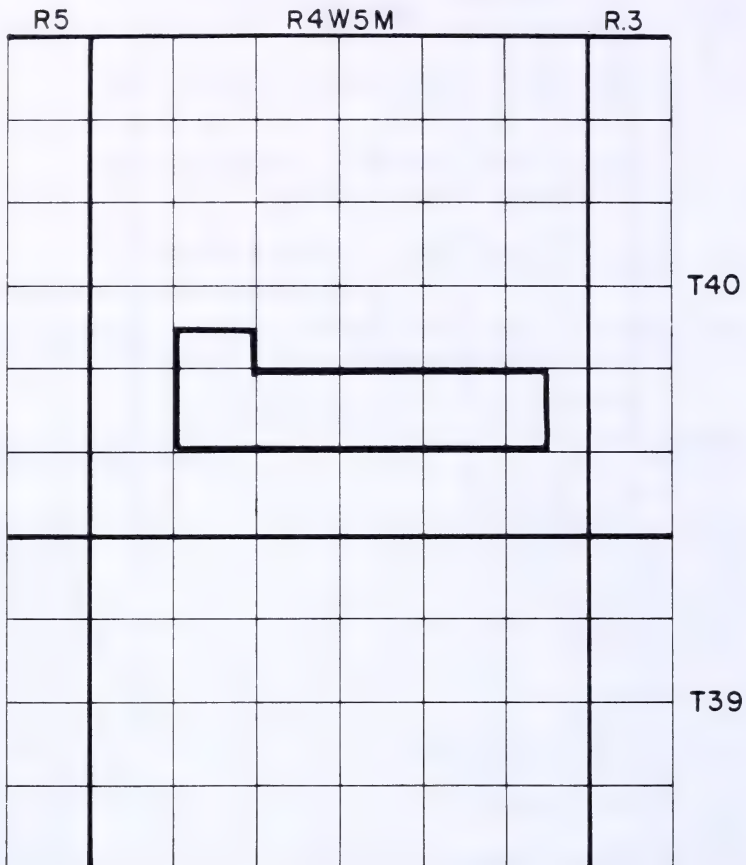
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Banqwest Resources Limited	0.899081
BP Exploration Canada Limited	12.587807
Canada-Cities Service, Ltd.	17.284719
Canpar Holdings Ltd.	22.668050
Dome Petroleum Limited	11.064167
Glacier Oils Ltd.	0.303440
J.M. Huber Corporation	4.136905
Keness Explorations Ltd.	0.303440
Natomas Exploration of Canada Ltd.	1.430054
Norcen Energy Resources Limited	14.202222
PanCanadian Petroleum Limited	8.892846
Resman Holdings	1.798162
Simcoe Resources ltd.	0.116881
Viking Exploration Ltd.	0.175321
Westmin Resources Limited	4.136905
	<u>100.000000</u>

*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

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GILBY VIKING "E" UNIT NO. I

UNIT OPERATOR—DOME PETROLEUM LIMITED

INITIAL EFFECTIVE DATE ——— APRIL 1, 1980

GILBY BASAL MANNVILLE "B" UNIT NO. 1

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 March 1969

Participation Revised - 1 June 1986

*Unitized Zone - Basal Mannville B Sand Zone

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

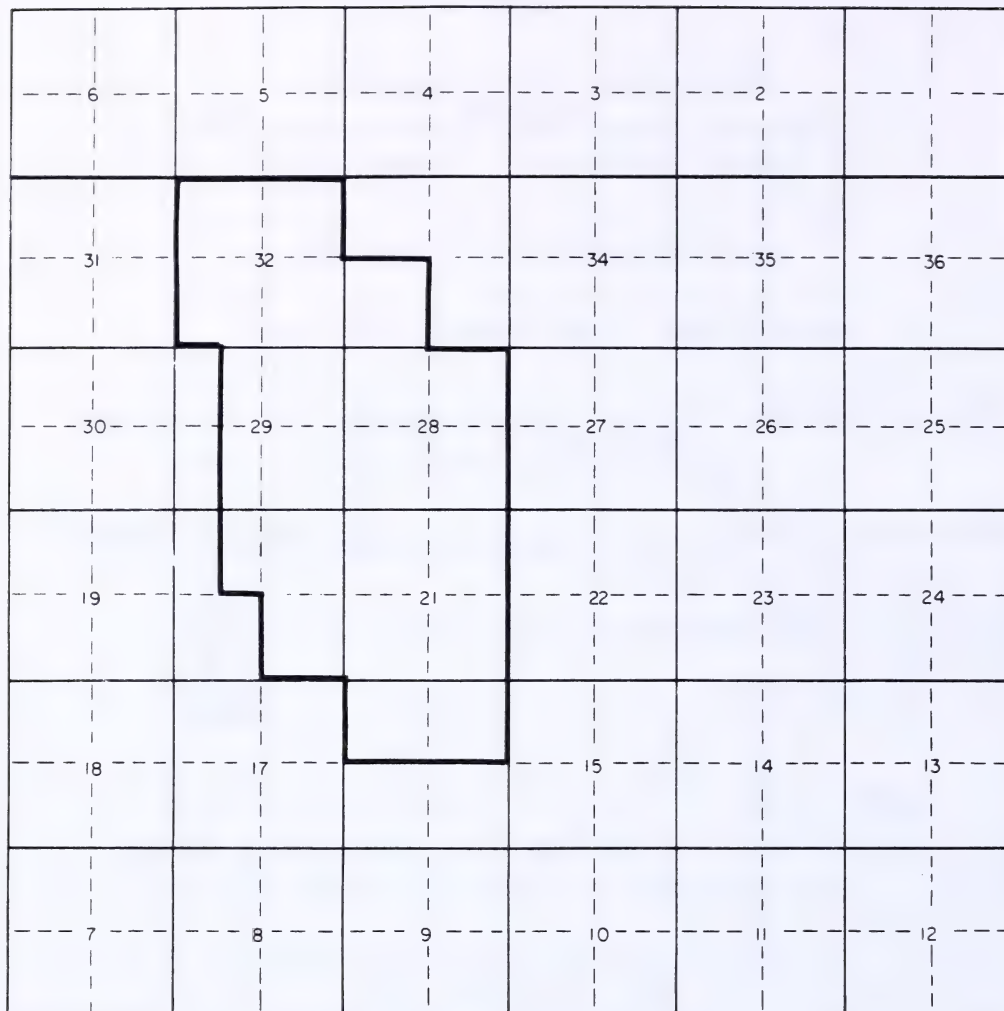
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	11.54
Gulf Canada Corporation	2.39
PanCanadian Petroleum Limited	27.99
Petro-Canada Inc.	46.54
Texaco Canada Resources	11.54
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

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ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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GILBY BASAL MANNVILLE 'B' UNIT NO.1



INITIAL EFFECTIVE DATE - 1 MARCH 1969

UNIT OPERATOR- PETRO-CANADA INC.

GLEICHEN UNIT NO. 1

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 January 1986

*Unitized Zone - Viking Formation and all geological formations down to the base of the Medicine Hat Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

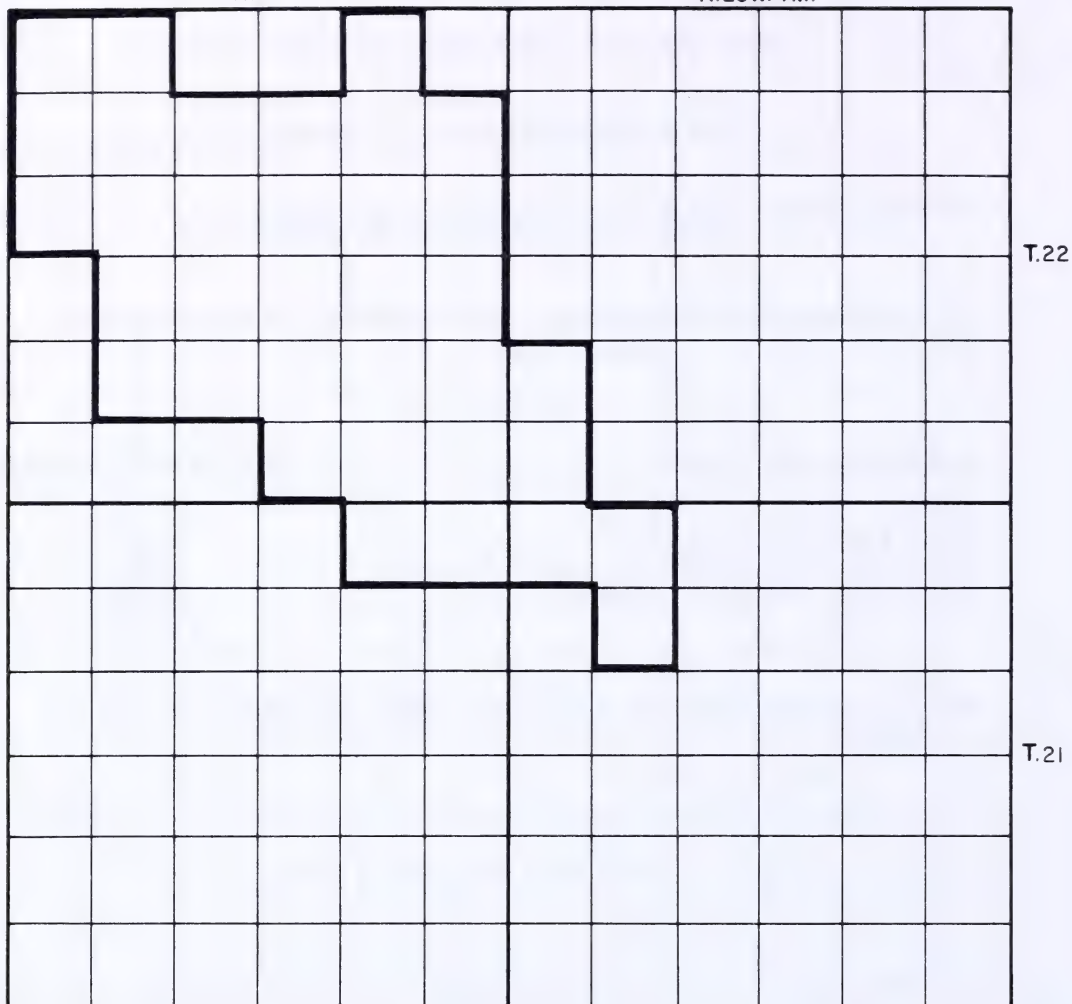
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
American Eagle Petroleum Ltd.	10.2381
Great Basins Minerals Ltd.	12.1429
KanAmera-Texas Sentry Operating Partnership	26.6667
PanCanadian Petroleum Limited	50.9523
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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UNIT OPERATOR- PANCANADIAN PETROLEUM LIMITED

GOLD CREEK WABAMUN GAS UNIT NO. 1

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 November 1970

Participation Revised - 1 June 1983

*Unitized Zone - Wabamun Formation

*Unitized Substance - Natural Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	28.32000
Canterra Energy Ltd.	4.14534
Norcen Energy Resources Limited	1.03633
Petro-Canada Inc.	46.63500
Plains Petroleum Limited	2.07266
Scurry-Rainbow Oil Limited	17.79067
	<u>100.00000</u>

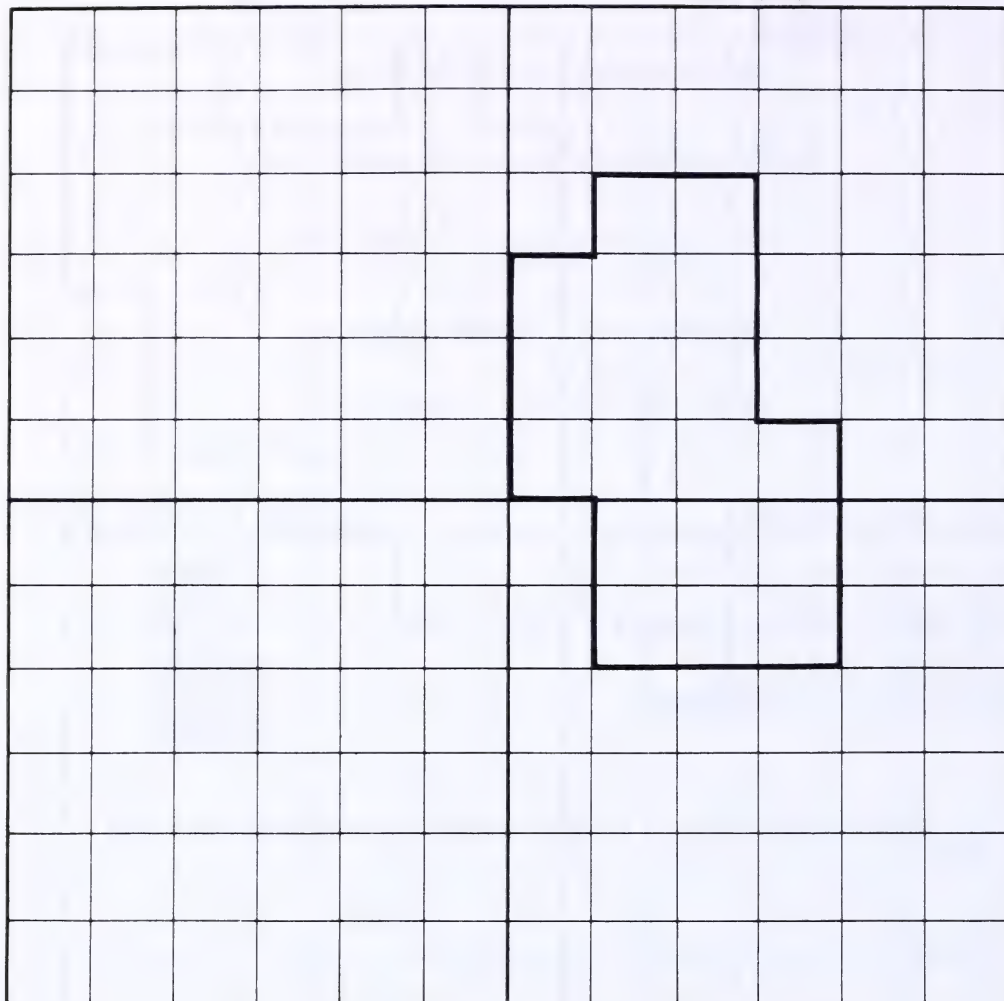
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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R.5

R.4 W.6M.



T.68

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GOLD CREEK WABAMUN GAS UNIT NO.1

INITIAL EFFECTIVE DATE - 1 NOVEMBER 1970

UNIT OPERATOR- PETRO-CANADA INC.



GOLDEN SPIKE D-3 UNIT

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 27 April 1953

*Unitized Zone - D-3 Pool

*Unitized Substance - Oil

Working Interest Owners

Per Cent Participation

Esso Resources Canada Limited

100.0

100.0

*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

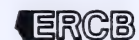
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R.27W4M

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	13
7	8	9	10	11	12
6	5	4	3	2	1

T.51

GOLDEN SPIKE D-3 UNIT



INITIAL EFFECTIVE DATE - 27 APRIL 1953

UNIT OPERATOR-ESSO RESOURCES CANADA LIMITED

GOOSE RIVER UNIT NO. 1

Unit Operator - Gulf Canada Corporation

Initial Effective Date - 1 July 1968

Participation Revised - 3 March 1986

*Unitized Zone - Swan Hills Member

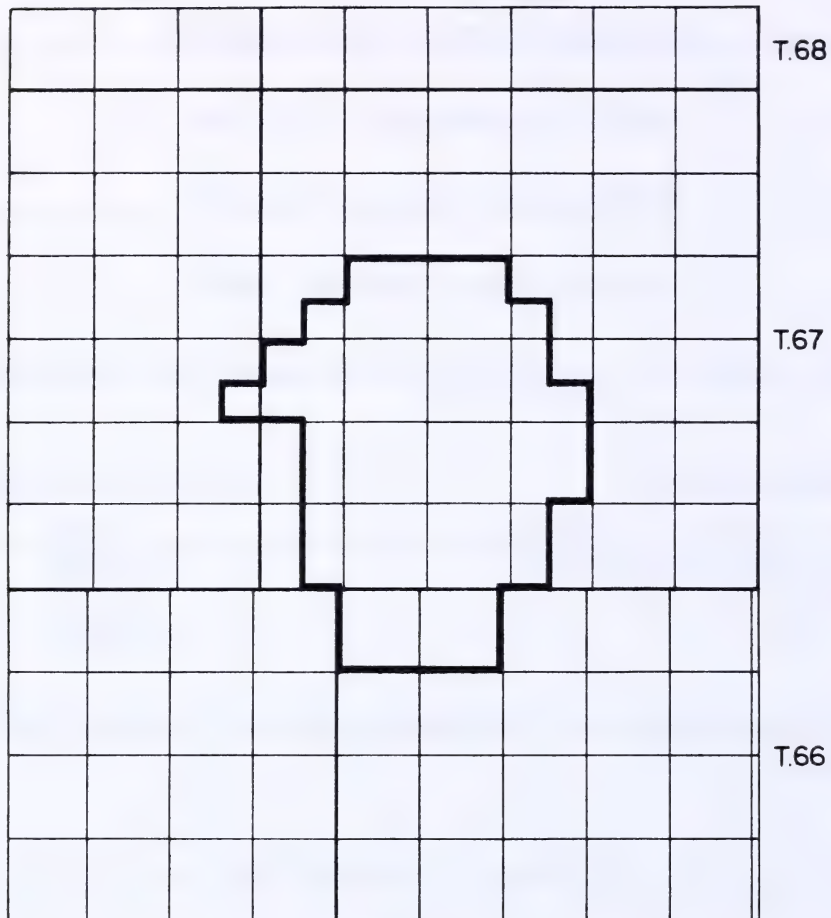
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Reserve Oil and Gas Ltd.	3.2500
Esso Resources Canada Limited	39.0000
Gulf Canada Corporation	54.5000
Suncor Inc.	3.2500
	<u>100.0000</u>

*For a complete definition of the unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R.18W.5M.



INITIAL EFFECTIVE DATE - JULY 1, 1968

UNIT OPERATOR—GULF CANADA CORPORATION

GRAND FORKS LOWER MANNVILLE UNIT NO. 1

Unit Operator - Musketeer Energy Ltd.

Initial Effective Date - 1 March 1976

Participation Revised - 1 July 1986

*Unitized Zone - Lower Mannville Formation

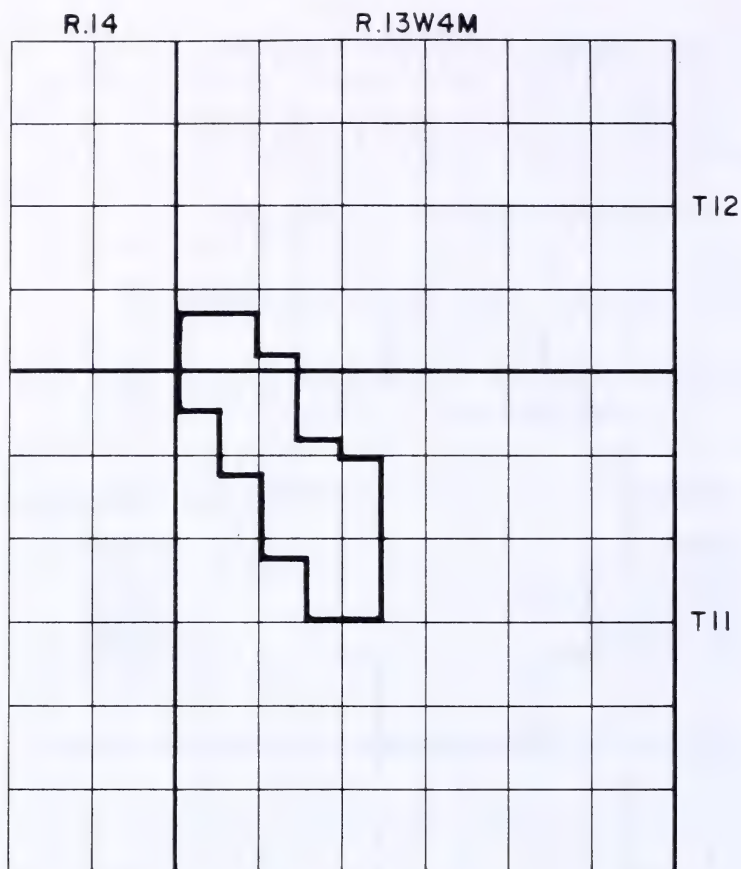
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Ganor Holdings Limited	0.10464
Musketeer Energy Ltd.	82.17264
Onyx Petroleum Exploration Company Ltd.	1.04585
Westcoast Petroleum Limited	16.67687
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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GRAND FORKS LOWER MANNVILLE UNIT NO. 1

INITIAL EFFECTIVE DATE — MARCH 1, 1976

UNIT OPERATOR— MUSKETEER ENERGY LTD

GRANOR GAS UNIT

Unit Operator - Paramount Resources Ltd.

Initial Effective Date - 1 July 1982

Participation Revised - 1 January 1985

*Unitized Zone - Grosmont Formation

*Unitized Substance - Gas

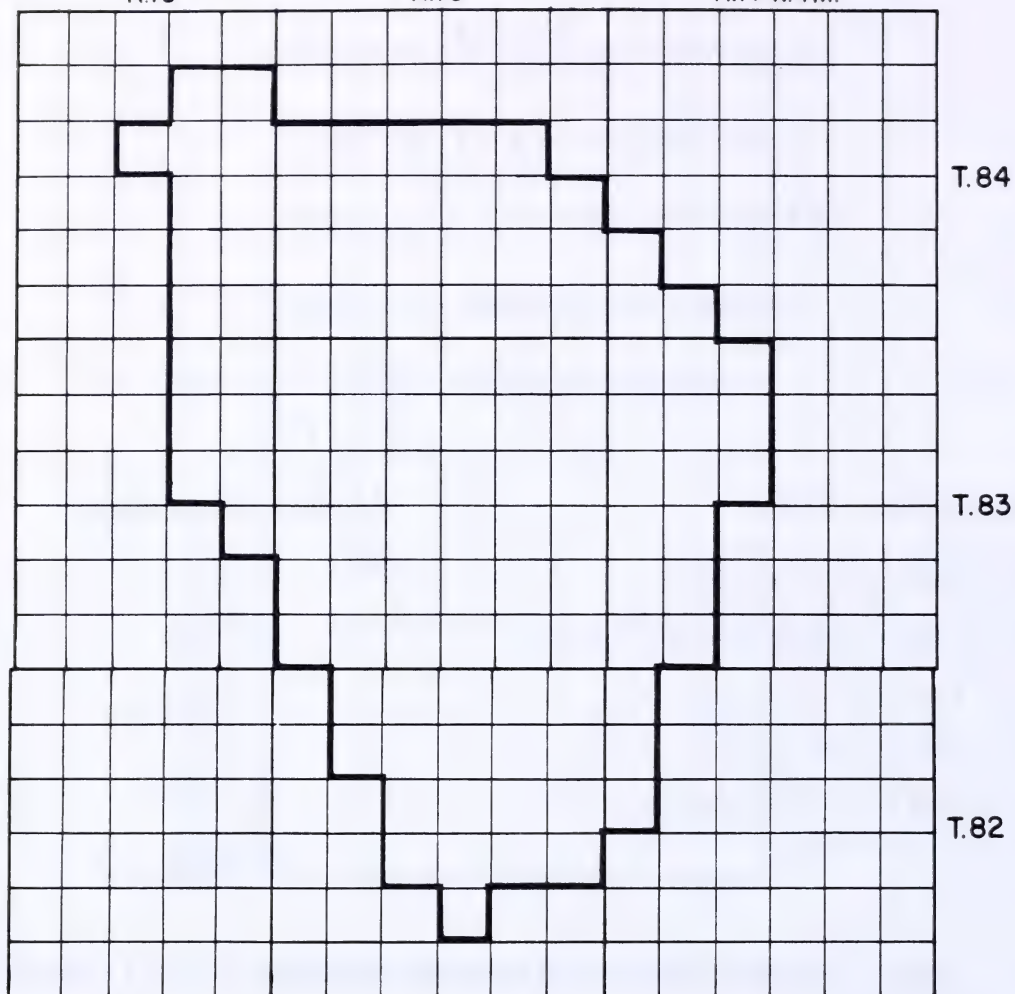
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Aldona Mines Limited (N.P.L.)	1.25374
Baxter Resources Corporation	2.52574
Canadian Occidental Petroleum Ltd.	16.64156
Cheyenne Petroleum Corporation (N.P.L.)	2.50748
Discovery Mines Limited	0.55541
Gasoil Financial Corporation Ltd.	3.51043
General American Oils, Ltd.	0.24768
North Canadian Oils Limited	2.57611
Paramount Resources Ltd.	22.84085
Pensionfund Energy Resources Limited	43.79396
Ranchmen's Resources (1976) Ltd.	3.54704
	<u>100.00000</u>

*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

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R.17W.4M.



GRANOR GAS UNIT

INITIAL EFFECTIVE DATE — 1 JULY 1982

UNIT OPERATOR — PARAMOUNT RESOURCES LTD.

GREENCOURT EAST GAS UNIT NO. 1

Unit Operator - Canterra Energy Ltd.

Initial Effective Date - 12 June 1975

Participation Revised - 1 August 1986

*Unitized Zone - Nordegg Zone

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canterra Energy Ltd.	47.50
Centipede Holdings Ltd.	47.50
Petro-Canada Inc.	5.00
	<u>100.00</u>

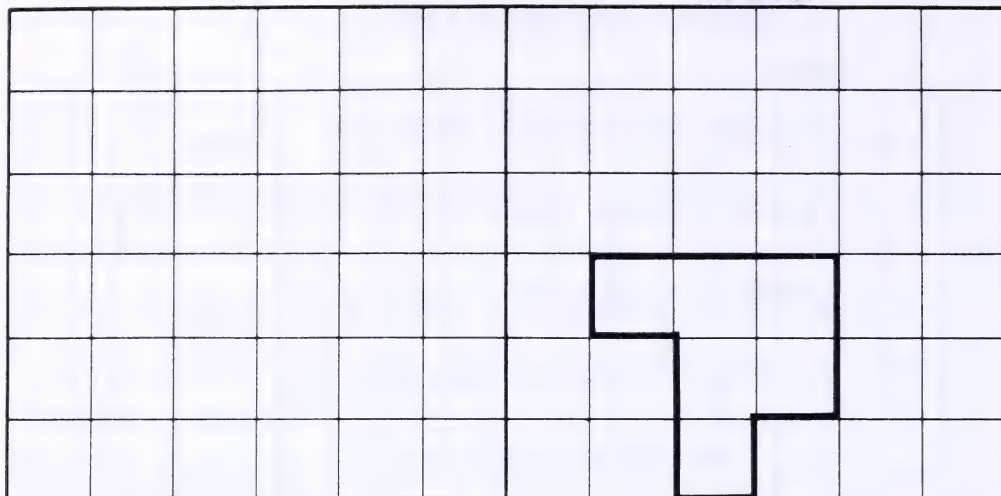
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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R.9

R.8 W.5M.



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GREENCOURT EAST GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - JUNE 12 1975

UNIT OPERATOR- CANTERRA ENERGY LTD.



GREENCOURT GAS UNIT NO. 1

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 May 1971

Participation Revised - 1 February 1984

*Unitized Zone - Jurassic and Pekisko

*Unitized Substance - Natural Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	1.214
Canadian Occidental Petroleum Ltd.	15.502
Esso Resources Canada Limited	17.775
Home Oil Company Limited	2.394
Hudson's Bay Oil & Gas Company Limited	28.136
Northern Development Company Limited	9.379
Petro-Canada Inc.	18.807
Texaco Canada Resources Ltd.	1.214
Total Petroleum Canada Ltd.	5.579
	<u>100.000</u>

*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

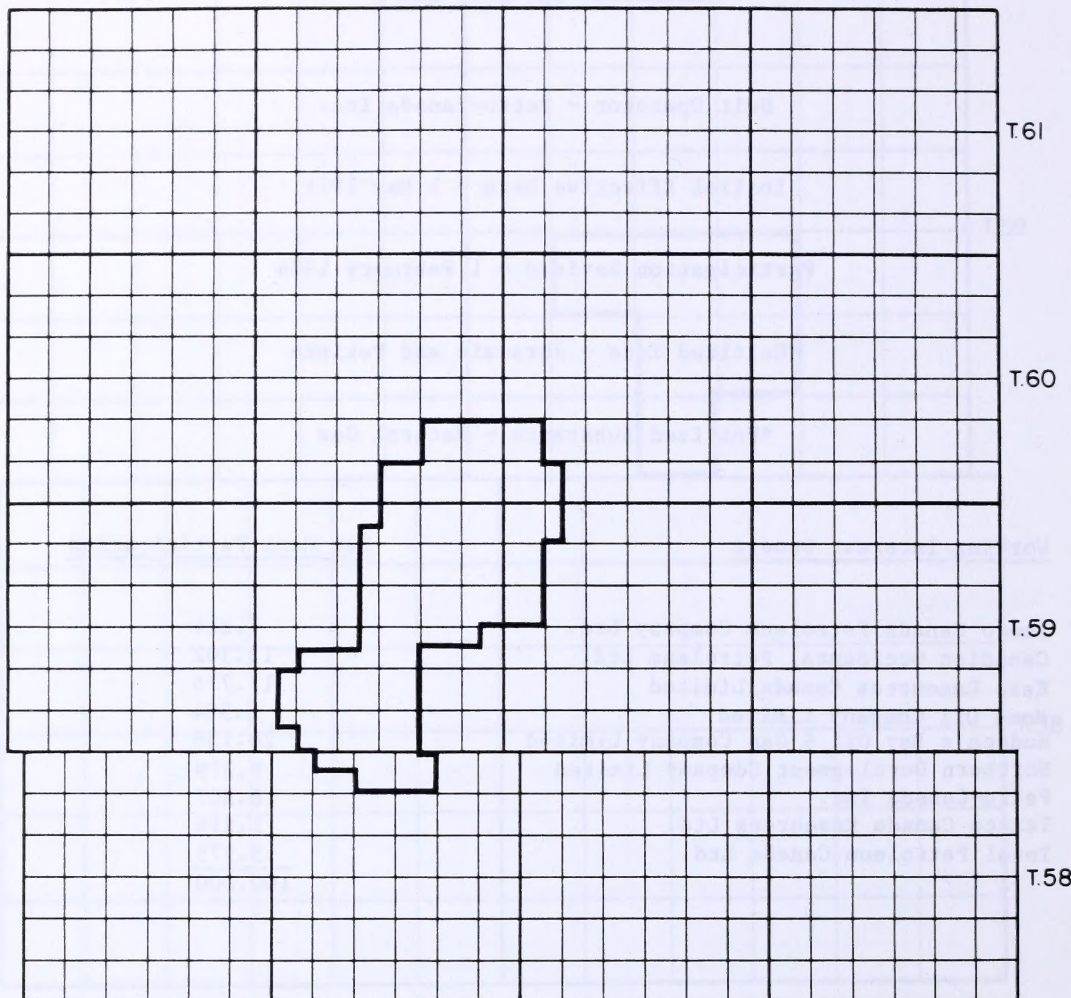
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R.10

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R.7 W5M



GREENCOURT GAS UNIT NO.1

ERCB

INITIAL EFFECTIVE DATE - 1 MAY 1971

UNIT OPERATOR - PETRO-CANADA INC.

